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COMMERCIAL FEEDING STUFFS REPORT ON INSPECTION

1933

E. M. BAILEY



Connecticut
Agricultural Experiment Station
New Haven

CONNECTICUT AGRICULTURAL EXPERIMENT STATION

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REGISTRATION OF FEEDS

Manufacturers, jobbers or individuals outside the State who ship concentrated commercial feeding stuffs into Connecticut are expected to register the brands so shipped and to pay the necessary fees thereon, and they generally do so. However, under the provisions of our law, if manufacturers or others outside the State neglect or refuse to register, the local dealer who handles such feeds is responsible for such registrations, registration fees and other legal requirements.

In the course of trade, feeds manufactured in another State frequently pass through the hands of several middlemen, none of whom is within the immediate jurisdiction of our law, before they reach the local distributor. This Station makes reasonable investigation to find out the source of shipment of feeds found to be unregistered, but the law imposes no obligation upon it to do so. It is the plain duty therefore of local dealers who purchase feed for resale and distribution to assure themselves that the brands they purchase are registered, or else be prepared to assume that responsibility themselves.

COMMERCIAL FEEDING STUFFS

REPORT ON INSPECTION

1933

E. M. Bailey

THE FEED LAW

The text of the law relating to concentrated commercial feeding stuffs and of regulations made jointly by the Dairy and Food Commissioner and the Director of this Station for carrying out its provisions, are given in Bulletin of Immediate Information, No. 60, June, 1927.

Some essential provisions of the law and the regulations may be briefly restated here.

Exemptions. It is held that the law exempts from classification as concentrated commercial feeding stuffs, and therefore from registration, (1) roughages such as hays, straws, corn stover, ensilage and all materials containing more than 60 per cent of water; (2) whole grains and mixtures thereof; (3) meals made from whole grains when not mixed with other materials or with each other; (4) feed ground from whole grains and sold by the manufacturer directly to the consumer; (5) feed ground from materials furnished by the consumer; or (6) feed mixed according to a formula furnished by the consumer, for his own use.

Under the provision of clause 6 above, a feed must be sold as a formula only, without a private brand name and without analysis. But a feed cannot be offered for general trade as a formula in order to avoid registration and the registration fee.

Labelling. All concentrated commercial feeding stuffs must be labelled either by a statement printed on the bag or upon a properly attached tag; except that in the case of cottonseed meal sold for fertilizer, or of any concentrated feeding stuff sold in bulk, a certificate, which shall contain the information otherwise required to appear upon the bag or upon the tag, may be issued by the dealer in lieu thereof.

The law requires a statement of (1) the net weight of the feed contained in the package; (2) the name, brand or trademark under which the feed is sold; (3) name and address of the manufacturer or importer; (4) the minimum percentages of (a) crude protein and (b) crude fat, and the maximum percentage of (c) crude fiber contained in the feed; and (5) the separate ingredients of which the feed is composed.

NOTE: Analyses are by Messrs. Nolan, Mathis and Walden; microscopic examinations by Mr. Shepard and Miss Shepard; sampling by Mr. Churchill; and compilations by Mrs. Vosburgh.

While the law requires only a statement of the items enumerated above, no objection will be raised to more complete statements of chemical composition.

Our regulations provide that definitions and standards for feeding stuffs as adopted from time to time by the Association of American Feed Control Officials are accepted as official in carrying out the provisions of our law; and the rules and regulations of that association are followed whenever they are consistent with our statutes. In order to secure greater uniformity in the labelling of feeds and in the statement of ingredients, that association has adopted a number of rules that manufacturers should heed in submitting registrations. Particularly the following points should be noted:

(1) The protein percentage of cottonseed and linseed meals should be incorporated in the brand name, e.g. "XX Cottonseed Meal 41 per cent" or "XX 41 per cent Protein Cottonseed Meal".

(2) Feeds should not be designated as "molasses feeds" or "buttermilk feeds" but rather as feeds "with molasses" or "with buttermilk", or "containing molasses" or "containing buttermilk". Example: "XX Dairy Feed with molasses", not "XX Molasses Dairy Feed".

(3) If screenings are present their source should be indicated, e.g. "wheat screenings", "rye screenings".

(4) Ground oats hulls should not be designated as "ground oat feed".

(5) The presence of any proportion of screenings in wheat bran or in wheat shorts should be indicated as a part of the brand name and the source of the screenings given, e.g. "Wheat Bran with ground wheat screenings not exceeding mill run".

Affixing tags. The use of wire or any metal in affixing tags to feed packages is prohibited by law.

Registration and registration fee. The law requires an annual registration of all concentrated feeds sold or offered for sale in this State. Registrations are to be made with the Connecticut Agricultural Experiment Station and beginning January 1, 1928, the registration period is for the duration of the calendar year. The registration fee is fifteen dollars (\$15), for each brand, a distinct brand name or a distinct analysis constituting a distinct brand.

Duties of manufacturers, jobbers and dealers. All concentrated commercial feeding stuffs must be registered annually on January 1, or before they are offered for sale.

Manufacturers, jobbers or individuals shipping feeds into Connecticut will be expected to register their brands and pay the necessary fees thereon. Connecticut dealers should assure themselves that the brands they handle are properly registered and labelled. In case the manufacturer or jobber outside the State neglects or refuses to register, the dealer who handles such feeds will be held responsible for such registrations, registration fees and other legal requirements.

Dealers within the State who mix their own brands are responsible for the registration and proper labelling thereof.

Cottonseed meal. Cottonseed meal sold as a fertilizer is required to be registered under the terms of the fertilizer law; if sold also as a feeding stuff it is required also to be registered under the provisions of the feed law; if sold exclusively for one or the other of these purposes, it may be registered only under the law that applies.

EXPLANATION OF TERMS USED IN AN ANALYSIS OF FEEDING STUFFS

In registering feeding stuffs the law requires that the minimum percentages of crude protein and crude fat, and the maximum percentage of crude fiber, shall be given; that is, the registrant must guarantee that the feeds registered will contain *not less* than the stated percentages of crude protein and of crude fat and *not more* than the stated percentage of crude fiber.

The term *crude protein* denotes those nutrients that contain nitrogen, and is obtained by multiplying the percentage of total nitrogen in the feed by the factor 6.25.

The term *crude fat* denotes those substances that are soluble in ether and includes, besides fat, such non-fatty materials as chlorophyll and coloring matter.

The term *crude fiber* denotes the coarse, woody tissues characteristic of all forms of roughage and that are present in the outer coats of cereal and other fodder grains.

Although the law requires only a statement of the three nutrients just defined, no objection is taken to more complete statements of composition, but such further statements, if given, must be correct. Thus, tags sometimes bear guaranties for nitrogen-free-extract and for carbohydrates.

The term *nitrogen-free-extract* denotes those nutrients of the starch and the sugar types. This group is never determined directly but is obtained by subtracting from 100 per cent the sum of the percentages of moisture, ash, crude protein, crude fiber and crude fat.

The term *carbohydrates* denotes the combined percentages of crude fiber and nitrogen-free-extract.

DEFINITIONS OF FEEDING STUFFS¹

ALFALFA PRODUCTS

1. *Chopped Alfalfa* is the entire alfalfa hay, chopped and not ground finely enough to become a meal. It must not contain an admixture of alfalfa straw or other foreign material. (Adopted prior to 1928).

2. *Alfalfa Meal* is the product obtained from the grinding of the entire alfalfa hay, without the addition of any alfalfa stems, alfalfa straw or foreign material, or the abstraction of leaves. It must be reasonably free from other crop plants and weeds, and must not contain more than 33 per cent of crude fiber. (Adopted 1928).

3. *Alfalfa Leaf Meal* is the ground product consisting chiefly of leafy materials separated from alfalfa hay. It must be reasonably free from other crop plants and weeds and must not contain more than 18 per cent of crude fiber. (Adopted 1928).

¹As announced by the Association of American Feed Control Officials, 1933-34.

4. *Alfalfa Stem Meal* is the ground product remaining after the separation of the leafy material from alfalfa hay or meal. It must be reasonably free from other crop plants and weeds. (Adopted 1928).

ANIMAL PRODUCTS

5. *Blood Meal* is ground, dried blood. (Adopted 1926).

6. *Blood Flour* is dried blood, prepared by special processes and reduced to a fine powder. (Adopted prior to 1928).

7. *Digester Tankage, Meat Meal Tankage or Feeding Tankage* is the residue from animal tissues exclusive of hoof, horn, manure and stomach contents, except in such traces as might occur unavoidably in good factory practice, especially prepared for feeding purposes by tanking under live steam or by dry rendering or a mixture of the products made suitable by drying and grinding. It must not contain more than 10 per cent of phosphoric acid (expressed as P_2O_5). If it bears a name descriptive of its kind, composition or origin, the material must correspond thereto. (Adopted 1928—Amended 1933).

8. *Digester Tankage with Bone, Meat and Bone Meal Digester Tankage, Meat and Bone Meal Tankage, or Feeding Tankage with Bone* is the residue from animal tissues exclusive of hoof, horn, manure and stomach contents, except in such traces as might occur unavoidably in good factory practice, especially prepared for feeding purposes by tanking under live steam or by dry rendering or a mixture of the products made suitable by drying and grinding, and containing more than 10 per cent of phosphoric acid (expressed as P_2O_5). If it bears a name descriptive of its kind, composition or origin, it must correspond thereto. (Adopted 1928—Amended 1933).

9. *Meat Scraps* is the ground, dry-rendered residue from animal tissues exclusive of hoof, horn, manure and stomach contents, except in such traces as might occur unavoidably in good factory practice. When this product contains more than 10 per cent of phosphoric acid (expressed as P_2O_5), it shall be designated Meat and Bone Scrap. If it bears a name descriptive of its kind, composition or origin it must correspond thereto. (Adopted 1928).

10. *Raw Bone Meal* is the dried, ground product suitable for animal feeding, obtained by cooking in water at atmospheric pressure, undecomposed bone, just enough to remove excess fat and meat. It must not contain less than 23 per cent of protein. (Adopted 1929).

11. *Steamed Bone Meal* is the dried, ground product suitable for animal feeding obtained by cooking bones with steam under pressure. (Adopted 1929).

12. *Special Steamed Bone Meal* is the dried, ground product suitable for animal feeding obtained by cooking dried bone, after the removal of grease and meat fiber, with steam under pressure in the process of obtaining gelatine or glue. (Adopted 1929).

APPLE PRODUCTS

13. *Dried Apple Pomace* is the sound, dried residue obtained by the removal of cider from apples. (Adopted 1929).

14. *Dried Apple Pectin Pulp* is the sound, dried residue obtained by the removal of pectin from apple products. (Adopted 1929).

BARLEY PRODUCTS

15. *Barley Hulls* is the product consisting of the outer coverings of the barley. (Adopted prior to 1928).

16. *Barley Feed* is the entire by-product resulting from the manufacture of pearl barley from clean barley. (Adopted prior to 1928).

17. *Barley Mixed Feed* is the entire ofal from the milling of barley flour from clean barley and is composed of barley hulls and barley middlings. (Adopted prior to 1928).

18. *Ground Barley* is the entire product obtained by grinding clean sound barley, containing not less than 90 per cent of pure barley and not more than 10 per cent of other grains, weed seeds and other foreign material and not more than 6 per cent

of crude fiber; provided that no portion of this stated 10 per cent of other grains, weed seeds or other foreign material shall be intentionally added. (Adopted prior to 1928).

19. *Mixed Feed Barley* is the entire product obtained by grinding country run barley containing not less than 75 per cent of pure barley and not more than 25 per cent of other grains, weed seeds and other foreign material; provided that no portion of this stated 25 per cent of other grains, weed seeds or foreign material shall be intentionally added. The ingredients must be stated as barley, other grains, weed seeds and foreign material. (Adopted prior to 1928).

BEET PRODUCTS

20. *Dried Beet Pulp* is the dried residue from sugar beets which have been cleaned and freed from crowns, leaves and sand, and from which the sugar has been extracted. (Adopted prior to 1928).

BREWERS' AND DISTILLERS' PRODUCTS

21. *Brewers' Dried Grains* is the dried residue obtained in the manufacture of beer. (Adopted prior to 1928).

22. *Distillers' Corn Dried Grain or Distillers' Rye Dried Grains* is the dried residue obtained in the manufacture of alcohol and distilled liquors. The product must bear the designation indicating the cereal predominating. (Adopted prior to 1928).

23. *Distillers' Corn Solubles* is a by-product from the manufacture of alcohol from corn solids obtained by the evaporation of the mash liquor after the removal of the alcohol and wet grains. (Adopted prior to 1928).

24. *Distillers' Rye Solubles* is a by-product from the manufacture of alcohol from rye solids obtained by the evaporation of mash liquor after the removal of the alcohol and wet grains. (Adopted prior to 1928).

25. *Distillers' Corn and Rye Solubles* is a by-product from the manufacture of alcohol from corn and rye solids obtained by the evaporation of mash liquor after the removal of the alcohol and wet grains. (Adopted prior to 1928).

26. *Malt Sprouts* are the sprouts of the barley grain obtained from malted barley. Sprouts derived from any other malted cereal must be designated by the name of that cereal. (Adopted prior to 1928).

27. *Yeast Dried Grains or Vinegar Dried Grains* is the properly dried residue from the mixture of cereals, malt and malt sprouts (sometimes cottonseed meal) obtained in the manufacture of yeast or vinegar, and consists of corn or corn and rye from which most of the starch has been extracted, together with malt added during the manufacturing process to change the starch to sugars, and malt sprouts (sometimes cottonseed meal) added during the manufacturing process to aid in filtering the residue from the wort and to serve as a source of food supply for the yeast. (Adopted prior to 1928).

BUCKWHEAT PRODUCTS

28. *Buckwheat Shorts or Buckwheat Middlings* are the portions of the buckwheat grain immediately inside the hull secured after separation from the flour. (Adopted prior to 1928).

CHOP

29. *Chop* is a ground or chopped feed composed of one or more different cereals or by-products thereof. If it bears a name descriptive of the kind of cereals, it must be made exclusively of the entire grains of those cereals. (Adopted prior to 1928).

COCOANUT PRODUCTS

30. ... *Per Cent Protein Cocoanut Oil Meal or ... Per Cent Protein Copra Oil Meal* is the ground residue from the extraction of part of the oil from the dried meat of the cocoanut. (Adopted prior to 1928).

CORN PRODUCTS

31. *Corn Meal* (Feeding) is finely ground, unbolted corn. (Adopted prior to 1928).

32. *Corn Bran* is the outer coating of the corn kernel, with little or none of the starchy part or germ. (Adopted 1931).

33. *Corn Feed Meal* is the fine siftings obtained in the manufacture of screened corn chop, screened ground corn or screened cracked corn, with or without its aspiration products added. (Adopted 1931).

34. *Corn Chop, Ground Corn or Cracked Corn* is the entire product made by grinding, cutting or chopping the grains of sound Indian corn, and may be fine, medium or coarse, and must not contain more than 4 per cent of foreign material. (Adopted 1931).

35. *Screened Corn Chop, Screened Ground Corn, or Screened Cracked Corn* is the coarse portion of corn chop, ground corn or cracked corn from which most of the fine particles have been removed, and must not contain more than 4 per cent of foreign material. (Adopted 1931).

36. *Corn Grits or Hominy Grits* is the product consisting of the fine or medium sized, hard flinty portions of sound Indian corn containing little or none of the bran or germ. (Adopted 1931).

37. *Ear Corn Chops* is corn and cob chopped, without the husk, with no greater proportion of cob than occurs in the ear corn in its natural state. (Adopted prior to 1928).

38. *Corn Gluten Meal* is that part of commercial shelled corn that remains after the separation of the larger part of the starch, the germ and the bran, by the processes employed in the manufacture of corn starch. It may or may not contain corn solubles. (Adopted prior to 1928).

39. *Corn Gluten Feed* is that part of commercial shelled corn that remains after the separation of the larger part of the starch and the germs by the processes employed in the manufacture of corn starch. It may or may not contain corn solubles. (Adopted prior to 1928).

40. *Maltose Process Corn Gluten Feed* is the dried residue from degermed corn, after removal of starch in the manufacture of malt syrup. (Adopted prior to 1928).

41. *Hominy Feed, Hominy Meal or Hominy Chop* is the kiln-dried mixture of the mill-run bran coating, the mill-run germ, with or without a partial extraction of the oil, and a part of the starchy portion of the white corn kernel obtained in the manufacture of hominy, hominy grits, and cornmeal by the degerming process. (Adopted prior to 1928).

42. *Yellow Hominy Feed, Yellow Hominy Meal or Yellow Hominy Chop* is the kiln-dried mixture of the mill-run bran coating, the mill-run germ, with or without a partial extraction of the oil, and a part of the starchy portion of the yellow corn kernel obtained in the manufacture of yellow hominy grits and yellow corn meal by the degerming process. (Adopted prior to 1928).

43. *Corn Oil Cake* consists of the corn germ from which part of the oil has been pressed and is the product obtained in the wet milling process of manufacture of corn starch, corn syrup, and other corn products. (Adopted prior to 1928).

44. *Corn Oil Meal* is ground corn oil cake. (Adopted prior to 1928).

45. *Corn Germ Cake* consists of corn germ with other parts of the corn kernel from which part of the oil has been pressed, and is the product obtained in the dry milling process of manufacture of corn meal, corn grits, hominy feed, and other corn products. (Adopted prior to 1928).

46. *Corn Germ Meal* is ground corn germ cake. (Adopted prior to 1928).

47. *Corn Screenings* is the product consisting of the small light grains of corn, parts of grains of corn and, or, other cereals, and other materials having feeding value, obtained by screening shelled corn, excluding sand, dirt and other similar inert materials. (Adopted 1931).

COTTONSEED PRODUCTS

48. *Cottonseed Meal* is a product of the cottonseed only, composed principally of the kernel with such portion of the hull as is necessary in the manufacture of oil; provided that nothing shall be recognized as cottonseed meal that does not conform

to the foregoing definition and that does not contain at least 36 per cent of protein. Cottonseed meal shall be graded and classed as follows: (Adopted prior to 1928).

49. ...*Per Cent Protein Cottonseed Meal, Prime Quality*. Cottonseed meal, prime quality, must be finely ground, not necessarily bolted, of sweet odor, reasonably bright in color, yellowish, not brown or reddish, free from excessive lint, and shall contain not less than 36 per cent of protein. It must be designated and sold according to its protein content. Cottonseed meal with 36 per cent of protein must be termed "36 per cent Protein Cottonseed Meal, Prime Quality", and higher grades similarly designated e.g. "43 per cent Protein Cottonseed Meal, Prime Quality", etc. (Adopted prior to 1928).

50. ...*Per Cent Protein Cottonseed Meal, Off Quality*. Cottonseed meal not fulfilling the above requirement as to color, odor and texture must be graded "36 per cent Protein Cottonseed Meal, Off Quality", and higher grades similarly designated. (Adopted prior to 1928).

51. *Cottonseed Feed* is a mixture of cottonseed meal and cottonseed hulls, containing less than 36 per cent of protein. (Adopted prior to 1928).

52. ...*Per Cent Protein Whole Pressed Cottonseed, Prime Quality*, is the product resulting from subjecting the whole, sound, mature, clean undecorticated cottonseed to pressure for the extraction of oil, and includes the entire cottonseed less the oil extracted and the lint removed. It must be designated and sold according to its protein content. (Adopted 1932).

53. ...*Per Cent Protein Ground Whole Pressed Cottonseed, Prime Quality*, is whole pressed cottonseed, ground. It must be designated and sold according to its protein content. (Adopted 1932).

GARBAGE

54. *Processed Garbage* is composed of dried animal and vegetable waste from garbage collected sufficiently often that harmful decomposition has not set in, and separated from material such as crockery and glass. Its odor must not be suggestive of the presence of decomposition and it must contain less than one per cent of glass. None of it shall contain knife-like or needle-like particles, and the maximum percentage of glass should be stated on the label when present in excess of one-fifth of one per cent. (Adopted prior to 1928).

IVORY NUT PRODUCTS

55. *Ivory Nut Meal* is the ground waste material resulting from the manufacture of buttons and similar articles from the vegetable ivory nut. (Adopted prior to 1928).

LINSEED AND FLAX PRODUCTS

56. ...*Per Cent Protein Linseed Cake or Linseed Meal* is the product obtained in the removal of the oil from flaxseed; provided that the final product contains less than 6 per cent of weed seeds and other foreign materials; and provided, further, that no portion of the stated 6 per cent of weed seeds and other foreign materials shall be deliberately added. It shall not contain more than 0.5 per cent of acid insoluble ash. (Adopted 1933).

57. ...*Per Cent Protein Old Process Oil Meal or ... Per Cent Protein Old Process Linseed Meal* is oil meal as defined below, produced by crushing, cooking and hydraulic pressure. (Adopted prior to 1928).

58. ...*Per Cent Protein New Process Oil Meal or ... Per Cent Protein New Process Linseed Meal* is oil meal as defined below, produced by crushing, heating and the use of solvents. (Adopted prior to 1928).

59. *Flax Plant By-Product* is that portion of the flax plant remaining after the separation of the seed, the bast fiber and a portion of the shives, and consists of flax shives, flax pods, broken and immature flax seeds, and the cortical tissues of the stem. (Adopted prior to 1928).

60. *Ground Flaxseed or Flaxseed Meal* is the product obtained by grinding flaxseed which has been screened and cleaned of weed seeds and other foreign materials by the most improved commercial process; the final product must contain less than 4 per cent of weed seeds and other foreign materials, and no portion of the stated 4 per cent of weed seeds and other foreign materials shall be intentionally added. (Adopted prior to 1928).

61. *Unscreened Flaxseed Oil Feed Cake* is the product obtained by extraction of part of the oil from unscreened flaxseed by crushing, cooking and hydraulic pressure, or by crushing, heating and the use of solvents. The ingredients must be stated as "partially extracted flaxseed and foreign seeds (wheat, wild buckwheat, pigeon grass, wild mustard, etc.)." (Adopted prior to 1928).

62. *Ground Unscreened Flaxseed Oil Feed* is the ground unscreened flaxseed oil feed cake. (Adopted prior to 1928).

63. *Screenings Oil Feed* is the ground product obtained after extraction of part of the oil by crushing, cooking and hydraulic pressure, or by crushing, heating and the use of solvents from the smaller imperfect flaxseed, weed seeds and other foreign materials having feeding value, separated in cleaning flaxseed. The name of the grain from which the screenings are separated must be prefixed to "screenings oil feed." (Adopted prior to 1928).

64. ...*Per Cent Protein Oil Cake* is the product obtained after the extraction of part of the oil by crushing, cooking, and hydraulic pressure, or by crushing, heating and the use of solvents, from flaxseed which have been screened and cleaned of weed seeds and other foreign materials by the most improved commercial process. When used alone the term "Oil Cake" shall be understood to designate linseed cake as defined. When used to cover any other products the name of the seed from which it is obtained must be prefixed to the words "Oil Cake." (Adopted prior to 1928).

65. ...*Per Cent Protein Oil Meal or ... Per Cent Protein Ground Oil Cake* is oil cake ground to a meal. (Adopted prior to 1928).

MARINE PRODUCTS

66. *Fish Meal* (Feeding) is clean, dried, ground tissues of undecomposed whole fish and/or fish cuttings with or without the extraction of part of the oil, and contains not more than 3 per cent of salt (NaCl). If it contains more than 3 per cent of salt (NaCl) the amount of salt must constitute a part of the brand name, provided that in no case shall the salt content of this product exceed 7 per cent. (Adopted 1933).

67. *Fish Residue Meal* (Feeding) is the clean, dried, undecomposed residue from the manufacture of glue from non-oily fish, and contains not more than 3 per cent of salt (NaCl). If it contains more than 3 per cent of salt (NaCl) the amount of salt must constitute a part of the brand name, provided that in no case shall the salt content of this product exceed 7 per cent. (Adopted 1933).

68. *Crab Meal* (Feeding) is prepared from the undecomposed dried waste of the crab industry and contains the shell, viscera and part or all of the flesh. It contains not less than 25 per cent of protein and not more than 3 per cent of salt (NaCl). If it contains more than 3 per cent of salt (NaCl) the amount of salt must constitute a part of the brand name, provided that in no case shall the salt content of this product exceed 7 per cent. (Adopted 1933).

69. *Shrimp Meal* (Feeding) is prepared from the undecomposed dried waste of the shrimp industry and contains the heads, hull and/or the whole shrimp and not more than 3 per cent of salt (NaCl). If it contains more than 3 per cent of salt (NaCl) the amount of salt must constitute a part of the brand name, provided that in no case shall the salt content of this product exceed 7 per cent. (Adopted 1933).

70. *Whale Meal* (Feeding) is prepared from the clean, dried undecomposed flesh of the whale, after part of the oil has been extracted. It contains not more than 3 per cent of salt (NaCl). If it contains more than 3 per cent of salt (NaCl) the amount of salt must constitute a part of the brand name, provided that in no case shall the salt content of this product exceed 7 per cent. (Adopted 1933).

71. *Cod Liver Oil* is the product obtained by extraction of part of the oil from cod livers. (Adopted 1932).

72. *Sardine Oil or Pilchard Oil* is the product obtained by extraction of part of the oil from the whole Pacific sardine or pilchard or from cannery refuse of this species of fish. (Adopted 1932).

73. *Salmon Oil* is the product obtained by extraction of part of the oil from the cannery refuse of salmon. (Adopted 1932).

74. *Tuna Oil* is the product obtained by extraction of part of the oil from the cannery refuse of tuna. (Adopted 1932).

75. *Menhaden Oil* is the product obtained by extraction of part of the oil from whole Menhaden. (Adopted 1932).

76. *Herring Oil* is the product obtained by extraction of part of the oil from the whole herring or part of the herring. (Adopted 1933).

77. *Salmon Liver Oil* is the product obtained by extraction of part of the oil from Salmon livers. (Adopted 1933).

MILK PRODUCTS

78. *Dried Buttermilk* (Feeding) is the product resulting from the removal of water from clean, sound buttermilk derived from natural cream to which no foreign substances have been added, excepting such as are necessary and permitted in the manufacture of butter. It contains not more than 8 per cent of moisture, not more than 13 per cent of mineral matter (ash), and not less than 5 per cent of butterfat, as determined by the Roese-Gottlieb method. (Adopted 1932).

79. *Evaporated Buttermilk* (Feeding), *Concentrated Buttermilk* (Feeding) or *Condensed Buttermilk* (Feeding) is the product resulting from the removal of a considerable portion of water from clean, sound buttermilk derived from natural cream to which no foreign substances have been added excepting such as are permitted and necessary in the manufacture of butter. It contains not less than 27 per cent of total solids, not less than 2 per cent of butterfat, and not more than .14 per cent of ash for each per cent of solids. This definition does not prohibit the use of a distinctive trade name, provided it is followed by one of the names given. (Adopted prior to 1928).

80. *Dried Skimmed Milk* (Feeding) is the product resulting from the removal of water from clean, sound skimmed milk. It contains not more than 8 per cent of moisture. (Adopted 1930).

81. *Dried Soured Skimmed Milk* (Feeding) is the product resulting from the removal of water from clean, sound skimmed milk which has been soured by a suitable culture of lactic bacteria. It contains not more than 8 per cent of moisture. (Adopted 1932).

82. *Evaporated Soured Skimmed Milk* (Feeding), *Concentrated Soured Skimmed Milk* (Feeding) or *Condensed Soured Skimmed Milk* (Feeding) is the product resulting from the removal of a considerable portion of water from clean, sound skimmed milk which has been soured by a suitable culture of lactic bacteria. It contains not less than 27 per cent of total solids. (Adopted 1932).

83. *Condensed Skimmed Milk* (Feeding) is the product resulting from the removal of a considerable portion of water from clean, sound skimmed milk. It contains not less than 27 per cent of total solids. (Adopted 1930).

84. *Milk Sugar Feed or Dried Whey* (Feeding) is the by-product from the manufacture of cheese and should contain at least 70 per cent of lactose (milk sugar). (Adopted 1932).

MINERAL FEEDS

85. Mixed feeds containing both feed and more than 5 per cent of mineral ingredients require, in addition to the usual declaration of the chemical feed analysis, a declaration of each ingredient contained therein and the minimum percentages of lime expressed as (CaO), phosphoric acid expressed as (P₂O₅), iodine (I), and the maximum percentage of salt (NaCl) if same be present. If minerals predominate in the mixture, the usual declaration of the chemical feed analysis, with the exception of protein, may be omitted.

In mineral feeds containing no organic ingredient, the usual chemical feed guarantee need not be made. A declaration should be made of each ingredient contained therein and the minimum percentage of lime expressed as (CaO), phosphoric acid expressed as (P₂O₅), iodine (I), and the maximum percentage of salt (NaCl) if same be present.

The mineral ingredients should be stated in the common English terms, if any such terms exist.

It being impossible to classify separately the drug ingredients and the mineral ingredients, be it resolved:

(a) That all mixtures containing mineral ingredients generally regarded as dietary factors essential for the normal nutrition of animals and which are sold or represented for the primary purpose of supplying these minerals as additions to rations in which these same mineral factors may be deficient, be classified as mineral feeds.

(b) That all other preparations which are sold or represented primarily for the cure, mitigation or prevention of disease be classified by this Association as drugs, medicines or specifics. (Adopted prior to 1928).

OAT PRODUCTS

86. *Oat Hulls* is the product consisting of the outer covering of the oat. (Adopted prior to 1928).

87. *Oat Middlings* is the product consisting of the floury portions of the oat groat obtained in the milling of rolled oats. (Adopted prior to 1928).

88. *Oat Shorts* is the product consisting of the covering of the oat grain lying immediately inside the hull, being a fuzzy material carrying with it considerable portions of the fine floury part of the groat obtained in the milling of rolled oats. (Adopted prior to 1928).

89. *Oat Chop, Ground Oats, Pulverized Oats, Crushed Oats, or Crimped Oats* consists of the entire product made by chopping, cutting, grinding, crushing, or crimping whole oats. (Adopted 1931).

90. *Oat Groats* are the kernels produced from cleaned and dried oats in the process of manufacturing oat meal. (Adopted 1931).

91. *Hulled Oats, or Undried Oat Groats* are the kernels produced from the undried grain in the process of hulling oats. (Adopted 1931).

92. *Oat Meal, or Ground Oat Groats* is the product produced by cutting, cracking or grinding oat groats. (Adopted 1931).

93. *Rolled Oat Groats or Rolled Oats* is the product obtained in the process of rolling oat groats. (Adopted 1931).

94. *Clipped Oat By-Products* is the by-product obtained in the manufacture of clipped oats. It may contain the light chaffy material broken from the end of the hulls, empty hulls, light immature oats and dust. It must not contain an excessive amount of oat hulls. (Adopted prior to 1928).

95. *Oat Mill Feed* (Oat Hulls, Oat Shorts and Oat Middlings) is the entire by-product in the manufacture of oat groats and consists of oat hulls, oat shorts and oat middlings. If used in a mixed feed, it shall be called Oat Mill Feed (Oat Hulls, Oat Shorts and Oat Middlings). (Adopted 1932).

PALM PRODUCTS

96. *Palm Kernel Oil Meal* is the ground residue from the extraction of part of the oil by pressure or solvents from the kernel of the fruit of *Elaeis guineensis* or *Elaeis molanococco*. (Adopted prior to 1928).

PEANUT PRODUCTS

97. ...*Per Cent Protein Peanut Oil Cake* is the residue after the extraction of part of the oil by pressure or solvents from peanut kernels. (Adopted prior to 1928).

98. ...*Per Cent Protein Peanut Oil Meal* is ground peanut oil cake. (Adopted prior to 1928).

99. *Unhulled Peanut Oil Feed* is the ground residue obtained after extraction of part of the oil from whole peanuts, and the ingredients must be designated as *Peanut Meal and Hulls*. (Adopted prior to 1928).

RICE PRODUCTS

100. *Rice Bran* is the pericarp or bran layer of the rice, with only such quantity of hull fragments as is unavoidable in the regular milling of rice. (Adopted prior to 1928).

101. *Rice Hulls* is the product consisting of the outer coverings of the rice. (Adopted prior to 1928).

102. *Rice Polish* is the finely powdered material obtained in polishing the kernel. (Adopted prior to 1928).

103. *Rice Meal* is ground brown rice or ground rice after the hull has been removed. (Adopted prior to 1928).

104. *Ground Rough Rice* is ground rice from which the hull has not been removed or ground paddy rice. (Adopted prior to 1928).

105. *Rice Stone Bran* is the siftings from the materials secured in removing hulls from rice and contains rice germs, broken rice and some rice hulls. (Adopted prior to 1928).

106. *Rice Huller Bran* is a product secured by the huller and cones from brown rice and consists mostly of the bran and germs. (Adopted prior to 1928).

RYE PRODUCTS

107. *Rye Bran* is the coarse outer covering of the rye kernel as separated from the cleaned and scoured rye. (Adopted prior to 1928).

108. *Rye Feed* is a by-product obtained in the usual process of the milling of rye flour from cleaned and scoured rye grain, consisting principally of the mill-run of the outer covering of the rye grain and the germ with small quantities of flour and aleurone. (Adopted prior to 1928).

109. *Rye Red Dog* is a by-product obtained in the usual process of the milling of rye flour, consisting principally of aleurone with small quantities of flour and fine bran particles and must not contain more than 3.5 per cent of crude fiber. (Adopted prior to 1928).

110. *Rye Low-Grade Feed Flour* consists principally of dark rye flour and small quantities of aleurone and fine bran particles and must not contain more than 1.5 per cent of crude fiber. (Adopted prior to 1928).

111. *Rye Middlings* consists of rye feed and rye red dog combined in the proportions obtained in the usual process of milling rye flour. (Adopted prior to 1928).

112. *Rye Flour Middlings* consist of rye feed, rye red dog and pure dark rye flour combined in the proportions obtained in the milling of rye flour and must not contain more than 5 per cent of crude fiber. (Adopted prior to 1928).

SORGHUM PRODUCTS

113. *Head Chops* is the product consisting of the entire heads of the grain sorghums chopped, and should bear the name of the sorghum from which it is made. This includes, among others, kaffir head chops, milo head chops, feterita head chops, and sorghum head chops. (Adopted prior to 1928).

114. *Head Stems* is the product consisting of the stems from the heads of the grain sorghums after the grain has been removed, and should bear the name of the sorghum from which it is made. (Adopted prior to 1928).

SOYBEAN PRODUCTS

115. *Ground Soybeans* is the product obtained by grinding whole soybeans without cooking or removing any of the oil. (Adopted 1933).

116. *...Per Cent Protein Soybean Oil Cake or Soybean Oil Chips* is the product obtained by crushing, cooking and removing part of the oil from soybeans. (Adopted 1933).

117. *...Per Cent Protein Soybean Oil Meal* is ground soybean oil cake or ground soybean oil chips. (Adopted 1933).

VELVET BEAN PRODUCTS

118. *Velvet Bean Meal* is ground velvet beans containing only an unavoidable trace of hulls or pods. (Adopted prior to 1928).

119. *Ground Velvet Bean and Pod* is the product derived by grinding velvet beans with the pod. It contains no additional pods or other materials. (Adopted prior to 1928).

WHEAT PRODUCTS

120. *Wheat Bran* is the coarse outer covering of the wheat kernel as separated from cleaned and scoured wheat in the usual process of commercial milling. (Adopted prior to 1928).

121. *Standard Middlings* consists mostly of fine particles of bran, germ, and very little of the fibrous offal obtained from the "tail of the mill." This product must be obtained in the usual commercial process of milling and must not contain more than 9.5 per cent of crude fiber. (Adopted prior to 1928).

122. *Flour Middlings* shall consist of standard middlings and red dog flour combined in the proportions obtained in the usual process of milling and must not contain more than 6.0 per cent of crude fiber. (Adopted prior to 1928).

123. *Wheat Red Dog* is a by-product obtained in the usual commercial process of flour milling, consisting principally of aleurone with small quantities of flour and fine bran particles and must not contain more than 4.0 per cent of crude fiber. (Adopted prior to 1928).

124. *Wheat Low-Grade Feed Flour* is a by-product obtained in the usual commercial process of flour milling, consisting principally of flour with small quantities of aleurone and fine bran particles and must not contain more than 1.5 per cent of crude fiber. (Adopted prior to 1928).

125. *Wheat Bran and Standard Middlings* consists of the two commodities as defined above, mixed in the proportions obtained in the usual process of commercial milling. (Adopted prior to 1928).

126. *Hard Wheat Mixed Feed* (mill-run wheat feed) consists of pure wheat bran and flour middlings combined in the proportions obtained in the usual process of commercial milling. This product must not contain more than 9.5 per cent of crude fiber. (Adopted prior to 1928).

127. *Brown Shorts* (Red Shorts) consists mostly of the fine particles of bran, germ and very little of the fibrous offal obtained from the "tail of the mill." This product must be obtained in the usual commercial process of milling and must not contain more than 7.5 per cent of crude fiber. (Adopted prior to 1928).

128. *Gray Shorts* (Gray Middlings or Total Shorts) consists of the fine particles of the outer bran, the inner bran or bee-wing bran, the germ and the offal or fibrous materials obtained from the "tail of the mill." This product must be obtained in the usual process of commercial milling and must not contain more than 6.0 per cent of crude fiber. (Adopted prior to 1928).

129. *White Shorts or White Middlings* consists of a small portion of the fine bran particles and the germ and a large portion of the fibrous offal obtained from the "tail of the mill." This product must be obtained in the usual process of flour milling and must not contain more than 3.5 per cent of crude fiber. (Adopted prior to 1928).

130. *Wheat Mixed Feed* (Mill-run wheat feed) consists of pure wheat bran and the gray or total shorts combined in the proportions obtained in the usual process of commercial milling. This product must not contain more than 8.5 per cent of crude fiber. (Adopted prior to 1928).

131. *Screenings* consists of the smaller imperfect grains, weed seeds, and other foreign materials, having feed value, separated in cleaning the grain. (Adopted prior to 1928).

132. *Scouring* consists of such portions of the cuticle, brush, white caps, dust, smut and other materials as are separated from the grain in the usual commercial process of scouring. (Adopted prior to 1928).

NOTE: If to any of the wheat or rye by-product feeds there should be added screenings or scourings—as above defined, either ground or unground, bolted or unbolted, such brand shall be so registered, labeled and sold as clearly to indicate this fact. The word "Screenings" or "Scourings", as the case may be, shall appear as part of the name or brand and shall be printed in the same size and face of type as the remainder of the brand name. When the word "Screenings" appears it is not necessary to show also on the label the word "Scourings." (Adopted prior to 1928).

REGISTRATIONS

For the period January 1, 1933 to December 31, 1934

One hundred and eighty-eight firms and individuals registered 1,022 brands of feeding stuffs. As required by Statute these registrations are listed as follows:

Acme-Evans Co., Indianapolis, Ind.

Acme Hominy Feed

Albers Bros. Milling Co., Seattle, Wash.

Calf Manna

Alfalfa Products Co., 832—7th St., San Francisco, Calif.

Alfalfa Leaf Meal

Allied Mills, Inc., Chicago, Ill.

Amco 20% Dairy Ration

Amco 24% Dairy Ration

Amco 20% National Dairy Ration

Amco 16½% Sucrene Dairy Ration

Amco 32% Supplement Dairy Ration

Amco 12% Fitting Ration

Arab Horse Feed

Brewers' Dried Grains

Emergency Hog Feed

Empire Egg Mash

Empire 20% Dairy Ration

Empire 24% Dairy Ration

June Pasture

Pure Corn and Oats Provender

Red Feather Egg Mash

Red Feather Scratch Feed

Scoured Cracked Corn

Wayne All Mash Chick Starter

Wayne All Mash Chick Starter with Cod Liver Oil and Sardine Oil

Wayne All Mash Grower

Wayne All Mash Grower with Cod Liver Oil and Sardine Oil

Wayne Broiler Ration

Wayne Calf Meal

Wayne Chick Feed

Wayne Egg Mash

Wayne Egg Mash with Cod Liver Oil and Sardine Oil

Wayne Intermediate Scratch Feed

Wayne 26% Mash Supplement

Wayne Pig Meal

Allied Mills, Inc., Chicago, Ill.—(Continued)

Wayne Poultry Fattener
 Wayne Scratch Feed
 Wayne Starter and Grower
 Wayne Supreme Horse Feed
 Wayne Turkey Mash
 Wayne 25% Turkey Starting Mash

American Maize-Products Co., 100 E. 42nd St., New York City

Cream of Corn Gluten Feed

Anchor Mills, Hagerstown, Md.

Zip Egg Mash

Anheuser-Busch, Inc., St. Louis, Mo.

Anheuser-Busch Corn Gluten Feed

Arcady Farms Milling Co., 223 W. Jackson Blvd., Chicago, Ill.

Advanced Registry Dairy Feed
 Arcady All Mash Chick Starter & Grower
 Arcady Besbet Growing Mash
 Arcady Besbet Laying Mash
 Arcady Besbet Starting Mash
 Arcady Open Formula Production Ration
 Arcady 24% Open Formula Production Ration
 Arcady Scratch Grains
 Arcady Stock Feed
 Economy Egg Mash
 Milkers Ready Ration
 Old Colony Feed
 Producer's 20% Ready Ration
 Riverside Scratch Grains
 Wonder Horse & Mule Feed

Archer-Daniels-Midland Co., Minneapolis, Minn.

Midland Linseed Meal and Flaxseed Screenings Oilfeed (30%)
 Pure Old Process Linseed Meal (32%)
 Pure Old Process Linseed Meal (34%)
 Pure Old Process Linseed Meal (37%)
 Pure Old Process Soybean Oil Meal

Ashcraft-Wilkinson Co., Atlanta, Ga.

Helmet Brand—Prime Cottonseed Meal
 Monarch Brand—Prime Cottonseed Meal
 Paramount Brand—Prime Cottonseed Meal

E. W. Bailey & Co., Montpelier, Vt.

Bailey's 16% Dairy Ration
 Bailey's Fitting Ration
 Capital Dairy Ration
 Capital Mixed Feed
 Favorite Dairy Ration
 Our 20% Special Dairy Ration
 Pennant Brand Chick Starter
 Pennant Brand Coarse Chick Feed
 Pennant Brand Fine Chick Feed
 Pennant Brand Growing Feed
 Pennant Brand Laying Mash
 Pennant Brand Laying Mash (with Cod Liver Meal)
 Pennant Scratch Feed

E. W. Bailey & Co., Montpelier, Vt.—(Continued)

Pennant Brand Stock Feed
Pennant Horse Feed
Pennant Mixed Feed
Sweetened Bailey's 16% Dairy Ration
Sweetened Bailey's Fitting Ration
Sweetened Capital Dairy Ration
Sweetened Favorite Dairy Ration
Sweetened with Molasses Pennant

The Beacon Milling Co., Inc., Cayuga, N. Y.

Auburn Dairy Feed
Beacon Breeders Mash with Buttermilk
Beacon Broiler Feed
Beacon Calf Meal
Beacon's Cayuga Developer Feed
Beacon's Cayuga Growing Mash
Beacon's Cayuga Horse Feed
Beacon's Cayuga Laying Mash with Buttermilk
Beacon's Cayuga Scratch Feed
Beacon Chick Feed
Beacon Complete Starting Ration
Beacon Dairy Ration
Beacon Egg Mash with Buttermilk
Beacon Fitting Ration
Beacon Fleshing Mash and Crate Fattener
Beacon Growing Mash
Beacon Horse Feed
Beacon Pheasant-Quail Starter and Grower Mash
Beacon Scratch Grains
Beacon Special Coccidiosis Mash
Beacon Special Scratch Grains
Beacon Sweet '20'
Beacon Sweet '24'
Beacon Turkey Growing Feed
Beacon Turkey Starter
Beacon '20'
Cayuga Stock Feed
Corn and Oats Chop

Bisbee Linseed Co., Broad & Chestnut Sts., Philadelphia, Pa.

Bisbee Brand Pure Old Process Linseed Meal

Black Rock Milling Corp., Buffalo, N. Y.

Bidwell Dry-Mash
Bidwell 20% Dairy Ration
Bidwell 24% Dairy Ration
Bidwell Scratch Feed
Paramount 20% Dairy Ration

Blatchford Calf Meal Co., Waukegan, Ill.

Blatchford's Calf Meal

Blatz Brewing Co., Milwaukee, Wis.

Blatz Brewers Dried Grains

Borden Sales Co., Inc., 350 Madison Ave., New York City.

Borden's Anilac

Amos D. Bridge's Sons, Inc., Hazardville, Conn.
Success Dairy Ration

L. Broder Grain Store, Colchester, Conn.
L. B. Milk Ration

C. Buckingham & Co., Inc., Southport, Conn.
C. B. Dairy
C. B. 20% Dairy
C. B. Egg Mash
C. B. Growing Mash
C. B. Scratch
C. B. Starter

C. E. Buell, Inc., 6 Beacon St., Boston, Mass.
"Buell-Boston" Dried Skim Milk

C. W. Burckhalter, Inc., 177 Franklin St., New York City.
Burck Brand Dried Buttermilk
Burck Brand Powdered Skim Milk

Cairo Meal & Cake Co., Cairo, Ill.
"Miss Cairo" Brand 41% Cottonseed Meal

Caledonia Mills, Inc., St. Johnsbury, Vt.
Brooks' Fancy Mixed Feed

C. W. Campbell Co., Westerly, R. I.
Camco Horse Feed
Campbell Fitting Ration
Egg-O Chick Feed
Egg-O Chick Starter
Egg-O Growing Feed
Egg-O Intermediate
Egg-O Laying Mash
Egg-O Scratch
Egg-O Turkey Grower
Milky Ration
No-Botheration Dairy
Provender
Xtra Vim Molasses Horse Feed

A. B. Caple Co., Toledo, Ohio.
Alfalfa Meal

Center Milk Products Co., Middlebury Center, Pa.
Vita Brand Dried Skim Milk

The Chapman-Doake Co., Decatur, Ill.
Hominy Feed

Clinton Corn Syrup Refining Co., Clinton, Iowa.
Clinton Corn Gluten Feed

Herbert K. Clofine, 509 Bulletin Bldg., Philadelphia, Pa.
Supreme Brand Poultry Feed

Clyde Renco Milling Corp., Clyde, N. Y.
"Renco Scratch Feed"

Coles Co., Middletown, Conn.

Capital 20% Molasses Dairy Feed
Fortune Chick Starter
Fortune Egg Mash with Dried Buttermilk
Fortune Growing Feed with Cod Liver Oil
Fortune Intermediate Scratch
Fortune Scratch Feed
Selco 24% Molasses Dairy Feed

Collis Products Co., St. Paul, Minn.

Collis Process Dried Buttermilk

Commander-Larabee Corp., Minneapolis, Minn.

Sunfed Red Dog
Sunfed Wheat Bran with ground screenings not exceeding mill run
Sunfed Wheat Standard middlings with ground screenings not exceeding mill run

G. E. Conkey Co., Cleveland, Ohio.

Conkey's All Grain Horse & Mule Feed (with Linseed Meal, Molasses & Salt)
Conkey's All Mash Chick Ration with Y-O
Conkey's Dairy Feed 24% Protein
Conkey's Gecco Chick Grains
Conkey's Gecco Dairy Feed 20% Protein
Conkey's Gecco Egg Mash
Conkey's Gecco Egg Mash with Y-O
Conkey's Gecco Growing Grains
Conkey's Gecco Growing Mash
Conkey's Gecco Growing Mash with Buttermilk and Y-O
Conkey's Gecco Scratch Grains
Conkey's Geccofat Station Fattener
Conkey's Scratch Grains
Conkey's (The Original) Starting Feed with Buttermilk and Y-O
Superior Scratch Grains

Connecticut Fat Rendering & Fertilizer Corp., West Haven, Conn.
Meat Scrap 45%

Consolidated Rendering Co., 178 Atlantic Ave., Boston, Mass.

Corenco Bone Meal, an All Animal Feed for Cattle, Hogs and Poultry
Corenco Cod & Haddock Meal
Corenco 45% Meat and Bone Scrap
Corenco 50% Meat Scrap
Corenco 55% Meat Scrap
Corenco 60% Meat Scrap

Consumers Food Stores, Inc., 478 Water St., Bridgeport, Conn.

Gold Bond "All-Mash" Starter
Gold Bond Baby Chick Feed
Gold Bond 16% Dairy Feed
Gold Bond 20% Dairy Feed
Gold Bond 24% Dairy Feed
Gold Bond Egg Mash
Gold Bond Growing Mash
Gold Bond Horse Feed

Consumers Food Stores, Inc., 478 Water St., Bridgeport, Conn.—(Continued)

Gold Bond Intermediate Chick Feed
Gold Bond Scratch Feed

Consumers Import Co., Inc., 115 Broad St., New York City.
Cico Bone Meal**Corn Products Sales Co. of Corn Products Mfg. Co., 17 Battery Place,
New York City.**

Buffalo Corn Gluten Feed
Diamond Corn Gluten Meal

E. A. Cowee Co., Fitchburg, Mass.

Coweco Growing Mash
Coweco Laying Mash
Coweco 20% Ration
Coweco Scratch Feed

C. A. Cowles, Inc., Plantsville, Conn.

C. A. Blue Seal Mash
Cowles 20% Dairy Ration
Cowles 24% Dairy Ration
Cowles Molasses Horse Feed

Chas. M. Cox Co., Boston, Mass.

Lake Woods Wheat Bran
Ogilvie's Wheat Bran (Manufactured by Ogilvie Flour Mills Co., Ltd.,
Montreal, Canada)
Ogilvie's Wheat Shorts (Manufactured by Ogilvie Flour Mills Co., Ltd.,
Montreal, Canada)

Crosby Milling Co., Brattleboro, Vt.

Crosby's Scratch Feed
Crosby's Stock Feed

P. Cutler, Inc., Colchester, Conn.

Prosperity Dairy Ration
Prosperity Economy Dairy Ration
Prosperity Laying Mash
Prosperity Scratch Feed
Prosperity Special Dairy Feed
Prosperity Stock Feed

Dairymen's League Co-operative Assoc., Inc., 11 West 42nd St., New York City.
Dairylea Choice Feed Grade Dried Skim Milk**R. G. Davis & Sons, Inc., New Haven, Conn.**

Basic Dairy Ration
Davis Buttermilk Mash
Davis Horse Feed
Davis No. 1 Provender
Davis Scratch Feed
Davis Stock Feed
20% Open Formula

Decatur Milling Co., Inc., Decatur, Ill.
Homco

Delaware Mills, Inc., Deposit, N. Y.

Delaware All Mash Chick Starter
Delaware Chick Grains
Delaware Chick Starting-Mash (with Dried Buttermilk)
Delaware Dairy Feed
Delaware Growing Mash (with Dried Skim Milk)
Delaware 85% Horse Feed
Delaware Intermediate Chick Grains
Delaware Scratch Grains
Delaware Stock Feed
Delaware Sweet 24% Dairy Feed
Delco Sweet 20% Dairy Feed
Double Circle Scratch Grains
Indian Growing Mash (with Dried Skim Milk)
Indian Laying Mash (with Dried Skim Milk)

The Denver Alfalfa Milling & Products Co., Lamar, Colo.

Alfalfa Meal
Alfalfa Leaf Meal

Dietrich & Gambrill, Inc., Frederick, Md.

D. & G. Dairy Feed
Frederick Growing Mash
Frederick Laying Mash
Frederick Stock Feed
Gambrill's Chick Feed
Gambrill's Chick Starter
Gambrill's Growing Mash
Gambrill's Horse Feed
Gambrill's Laying Mash
Gambrill's Scratch Feed
Pen Mar Dairy Feed

Duluth-Superior Milling Co., Minneapolis, Minn.

Duluth Imperial Wheat Bran with ground screenings
Wheat Standard Middlings with ground screenings not exceeding mill run

Eagle Roller Mill Co., New Ulm, Minn.

Eagle Pure Wheat Bran
Eagle Wheat Standard Middlings with ground screenings not exceeding
mill run

Eastern States Farmers' Exchange, Springfield, Mass.

Eastern States Combination Mash
Eastern States Controller Mash
Eastern States Developer Mash
Eastern States Developer Mash with Oil
Eastern States Fitting Ration
Eastern States Fulpail Dairy Ration
Eastern States Highland 12
Eastern States Highland 16
Eastern States Highland 20
Eastern States Horse and Calf Ration
Eastern States Intermediate Scratch Grains
Eastern States Milkmore Dairy Ration
Eastern States Producer Mash
Eastern States Producer Mash with Oil
Eastern States Scratch Grains with Coarse Cracked Corn
Eastern States Sixteen Dairy Ration
Eastern States Starting and Broiler Ration with Oil

Eastern States Farmers' Exchange, Springfield, Mass.—(Continued)

Eastern States Turkey-Fat
 Eastern States Turkey-Grow
 Eastern States Turkey-Start

B. A. Eckhart Milling Co., 1300 Carroll Ave., Chicago, Ill.

Pure Wheat Bran
 Standard Wheat Middlings and Screenings not exceeding mill run

Elmore Milling Co., Inc., Oneonta, N. Y.

Elmore Chick Feed
 Elmore Chixsaver
 Elmore Complete Broiler Ration
 Elmore Complete Starting and Growing Ration
 Elmore Eggmaker
 Elmore Egg Mash
 Elmore Growing Mash
 Elmore Horse Feed with Molasses
 Elmore Intermediate Chick Feed
 Elmore Milk Grains
 Elmore Milk Grains Junior
 Elmore Scratch Feed
 Elmore Stock Feed
 Elmore's Sugared Feedall
 Elmore's 32% Supplemental Dairy Ration
 Elmore's Sweet Digesto Dairy Feed
 Elmore "Three Point" Calf Meal
 Elmore-Waldorf Formula
 Elmore's "Xtragood" Wheat Feed with ground screenings not exceeding mill run
 Granger 20% Dairy Ration
 Granger 24% Dairy Ration
 R-Own Egg Mash

John W. Eshelman & Sons, Lancaster, Pa.

Certified 20% Dairy Ration
 Eshelman Certified 24% Dairy Ration
 Eshelman Challenge Dairy Feed
 Eshelman Choice Mixed Wheat Feed
 Eshelman Conestoga 20 Dairy Feed
 Eshelman Conestoga Horse Feed
 Eshelman Dried Beet Pulp
 Eshelman Garden Spot Horse Feed
 Eshelman Golden Rod 25 Dairy Feed
 Eshelman Lancaster 20 Dairy Feed
 Eshelman Lancaster 60 Horse Feed
 Eshelman Lancaster Scratch Grains
 Eshelman Liberty Horse Feed
 Eshelman Open Formula 20 Dairy Feed
 Eshelman Pennsy Chick Grains
 Eshelman Pennsy 16 Dairy Feed
 Eshelman Pennsy Laying Mash
 Eshelman Pennsy Scratch Grains
 Eshelman Red Rose Alfalfa Meal
 Eshelman Red Rose All Mash Starter
 Eshelman Red Rose Calf Starter
 Eshelman Red Rose Chick Grains
 Eshelman Red Rose Chick Starter
 Eshelman Red Rose 24 Dairy Feed
 Eshelman Red Rose Fattening Mash

John W. Eshelman & Sons, Lancaster, Pa.—(Continued)

Eshelman Red Rose Growing Mash
Eshelman Red Rose Growing Mash—Cod Liver Oil
Eshelman Red Rose Hog Meal
Eshelman Red Rose 85 Horse Feed
Eshelman Red Rose Laying Mash
Eshelman Red Rose Laying Mash with Cod Liver Oil
Eshelman Red Rose Pure Ground Corn and Oats
Eshelman Red Rose Scratch Grains
Eshelman Red Rose Stock Feed
Eshelman Red Rose Turkey Mash
Eshelman Red Rose Wheat Flour Middlings with screenings not exceeding mill run
Eshelman SOS Feed
Eshelman Steam Cooked Horse Feed
Eshelman Wheat Red Dog with screenings not exceeding mill run

Evans Milling Co., Indianapolis, Ind.

Emco Hominy Feed
Evans 41% Soybean Cake Meal

Excelsior Milling Co., Minneapolis, Minn.

Pure Camel Fancy Wheat Feed

The Fairchild Milling Co., Cleveland, Ohio.

Wheat Bran with ground screenings not exceeding mill run
Wheat Standard Middlings with ground screenings not exceeding mill run

The Fairmont Creamery Co., Omaha, Neb.

Fairmont's Better Pure Flake Buttermilk

Farmers Feed Co., 532 E. 76th St., New York City.

“Bull Brand” Dried Brewers Grains
Dried Brewers Grains with Molasses “Bull Brand”

Faroll Brothers, 50 Broadway, New York City.

Wheat Standard Bran (with ground screenings not exceeding mill run)
Wheat Standard Middlings

Fernando Valley Milling & Supply Co., Los Angeles, Calif.

Fernando Alfalfa Meal, Fine Ground
Fernando Alfalfa Stock Meal
Fernando Ideal Greens, Suncured

First National Stores, Inc., 5 Middlesex Ave., Somerville, Mass.

Henfield Egg Mash
Henfield Scratch Grains

Flory Milling Co., Inc., Bangor, Pa.

Blue Mountain Horse Feed
Corn Feed Meal
Flory's All-Mash Chick Starter
Flory's All-Mash Growing Ration
Flory's Baby Chick Feed
Flory's Egg Mash
Flory's Growing Mash with Cod Liver Oil
Flory's Horse Feed
Flory's Intermediate Chick Feed
Flory's Stock Feed

Flory Milling Co., Inc., Bangor, Pa.—(Continued)

Golden Egg Laying Mash
 Golden Egg Laying Mash with Cod Liver Oil
 Golden Egg Scratch Feed
 Ground Corn and Oats
 Record Dairy Feed
 Reddog Flour
 Sunray Dairy Feed
 Sunray Laying Mash
 Sunray Scratch Feed

A. W. Forbes, East Haven, Conn.

R-Own Dairy Ration
 R-Own Laying Mash
 R-Own Scratch Feed

Forbes Bros.—Central Mills, Inc., Topeka, Kansas.

Hominy Feed

J. A. Forrest, 819 Security Bldg., Minneapolis, Minn.

Alpine Ground Feeding Oatmeal
 Lake Woods Wheat Shorts
 Pioneer Pure Wheat Bran

J. B. Garland & Son, Worcester, Mass.

Garland's Economy 20% Dairy Ration with Cane Molasses
 Garland's Growing Mash with Dried Milk
 Garland's Poultry Mash with Dried Milk
 Royal Worcester Complete Ration with Cane Molasses
 Royal Worcester Scratch Feed

General Commodity Corp., 409 Chamber of Commerce Bldg., Buffalo, N. Y.

"Bison" Dried Skimmilk
 Old Sol Dried Buttermilk
 Old Sol Dried Skimmilk

General Mills, Inc., Minneapolis, Minn.

Eventually Gold Medal Chick Feed—No Grit
 Eventually Gold Medal Chick Ration
 Eventually Gold Medal Dairy Ration
 Eventually Gold Medal Developing Feed—No Grit
 Eventually Gold Medal Egg Mash for Breeding and Laying with Dried Buttermilk
 Eventually Gold Medal Growing Mash—with Dried Buttermilk
 Eventually Gold Medal Scratch Feed—No Grit
 Washburn's Gold Medal Fancy Mixed Feed
 Washburn's Gold Medal Hard Wheat Bran and Wheat Screenings
 Washburn's Gold Medal Hard Wheat Flour Middlings and Wheat Screenings
 Washburn's Gold Medal Hard Wheat Standard Middlings and Wheat Screenings
 Washburn's Gold Medal Pure Hard Wheat Adrian Red Dog

Gorton-Pew Fisheries Co., Ltd., Gloucester, Mass.

Gorton's Codfish Meal

D. H. Grandin Milling Co., Jamestown, N. Y.

Grandin's Baby Chick Feed
 Grandin's Baby Chick Starter with Buttermilk—Cod Liver Oil

D. H. Grandin Milling Co., Jamestown, N. Y.—(Continued)

Grandin's 24% Balanced Dairy Ration
 Grandin's Combined Chick and Broiler Ration
 Grandin's Complete Starting Ration with Buttermilk—Cod Liver Oil
 Grandin's 32% Dairy Feed
 Grandin's Growing Mash with Buttermilk
 Grandin's Growing Mash with Buttermilk—Cod Liver Oil
 Grandin's Intermediate Chick Feed
 Grandin's Laying Mash with Buttermilk
 Grandin's Laying Mash with Buttermilk—Cod Liver Oil
 Grandin's Milk Maker
 Grandin's Poultry Green Food
 Grandin's Screened Scratch Feed
 Grandin's Stock Food
 Grandin's Sweetened 20% Dairy Feed
 Grandin's Sweetened Horse Feed
 Grandin's 12 Twin Six 12 Dairy Feed
 M-S (Money Saver) 20% Sweet Dairy Feed
 M-S (Money Saver) 24% Sweet Dairy Feed

Grand Union Co., 233 Broadway, New York City.

Peerless All Mash Chick Starter & Grower
 Peerless Chick Grains
 Peerless Laying Mash
 Peerless Scratch Grains

Great Atlantic & Pacific Tea Co., 1104 Hodgson Bldg., Minneapolis, Minn.

Daily Egg Mash Feed
 Daily Egg Scratch Feed
 Daily Growth Chick Starter
 Daily Growth Fine Chick Feed
 Daily Growth Growing Mash
 Milky Way Dairy Feed 20%

Hales & Hunter Co., 166 West Jackson Blvd., Chicago, Ill.

College Horse Feed
 H. & H. White Stock Feed
 Red Comb Broiler Mash with Dried Buttermilk
 Red Comb Chick Starter with Dried Buttermilk
 Red Comb Coarse Chick
 Red Comb Crate Fattener with Rolled Oats
 Red Comb Egg Mash with Dried Buttermilk
 Red Comb Fine Chick
 Red Comb Growing Mash with Dried Buttermilk
 Red Comb Scratch Feed
 Red Horn 20% Dairy Feed

Frank B. Ham & Co., Ltd., Royal Bank Bldg., Toronto, Canada.

"Hamco" Wheat Bran
 "Hamco" Wheat Shorts

J. B. Ham Co., Auburn, Maine.

Farmer Boy All Mash Starter and Grower with Dried Skim Milk
 and Cod Liver Oil
 Farmer Boy Chick Scratch Feed
 Farmer Boy 18% Dairy Ration with Molasses
 Farmer Boy 20% Dairy Ration with Molasses
 Farmer Boy 24% Dairy Ration with Molasses
 Farmer Boy Egg Mash with Dried Skim Milk and Cod Liver Oil
 Farmer Boy Growing Mash with Dried Skim Milk and Cod Liver Oil

J. B. Ham Co., Auburn, Maine.—(Continued)

Farmer Boy Horse Feed
 Farmer Boy Intermediate Scratch Feed
 Farmer Boy Scratch Feed
 Farmer Boy Starting Mash with Dried Skim Milk and Cod Liver Oil
 Farmer Boy Stock Feed

William Hamilton & Son, Inc., Caledonia, N. Y.

Standard Wheat Bran with ground screenings not exceeding mill run
 Standard Wheat Middlings

Dwight Hamlin Co., Pittsburgh, Pa.

Hamlin's Dried Brewers Grains

Hecker H-O Company, Inc., Buffalo, N. Y.

Oat Mill Feed

Hecker-Jones-Jewell Milling Div. of Standard Milling Co., 503 Seneca St., Buffalo, N. Y.

Choice Wheat Bran with ground screenings not exceeding mill run
 Wheat Red Dog
 Wheat Standard Middlings with ground screenings not exceeding mill run

Hirst & Begley Linseed Works, 2013 Mendel St., Chicago, Ill.

Pure Old Process Linseed Meal

Hoosier Condensed Milk Co., Bluffton, Ind.

Mil-Ko-Lac

Humphreys-Godwin Co., Memphis, Tenn.

Bull Brand 43% Protein Prime Cottonseed Meal
 Dixie Brand 41% Protein Prime Cottonseed Meal

Imperial Grain & Milling Co., Toledo, Ohio.

Imperial Steam Cooked Feed

International Milling Co., Minneapolis, Minn.

Blackhawk Pure Wheat Bran
 Blackhawk Wheat Red Dog
 Blackhawk Wheat Standard Middlings with ground screenings not exceeding mill run

Jersee Co., Minneapolis, Minn.

Just Right Egg Mash

Jones & Quinn, Inc., Produce Exchange, New York City.

Wheat Bran (Product of Argentine) with wheat screenings
 Wheat Standard Middlings (Product of Argentine) with wheat screenings

The Kansas Flour Mills Corp., Kansas City, Mo.

Big Flake Pure Wheat Bran

Spencer Kellogg & Sons, Inc., Buffalo, N. Y.

Diamond K Linseed Meal with Flaxseed Screenings Oil Feed 30% Protein
 Kellogg's 34% Protein Pure Old Process Linseed Meal
 Kellogg's 37% Protein Pure Old Process Linseed Meal

Kellogg Co., Battle Creek, Mich.
White Hominy Feed

Kellogg's & Miller, Inc., Amsterdam, N. Y.
"K & M" Brand Pure Old Process Linseed Oil Meal

H. H. King Flour Mills Co., Minneapolis, Minn.
"Gold Mine" Feed

King Midas Mill Co., Minneapolis, Minn.
Snowball Wheat Flour Middlings and ground wheat screenings
Wheat Standard Middlings and ground wheat screenings

Chas. A. Krause Milling Co., Milwaukee, Wisconsin.
Badger White Hominy Feed

H. P. Kysor Feed & Grain Co., New Haven, Conn.
Kysor's A-1 20% Dairy Ration
Kysor's A-1 Growing Mash
Kysor's A-1 Horse Feed
Kysor's A-1 Laying Mash
Kysor's A-1 Scratch Grains
Kysor's A-1 Self Starter Ration

A. S. Labieniec, Kensington, Conn.
Reliable 20% Dairy Feed
Reliable 24% Dairy Feed
Reliable Laying Mash

The Laden Bros., Co., Inc., 109-115 S. Colony St., Wallingford, Conn.
Laden's Baby Chick Starter
Laden's Dairy Feed
Laden's Growing Mash
Laden's Laying Mash
Laden's Starter and Broiler Ration

Lake County Oil Mill, Tiptonville, Tenn.
Prime 41% Cottonseed Meal

J. T. Lampman & Co., Claverack, N. Y.
Red Mills, Rye Feed

The Larabee Flour Mills Co., Kansas City, Mo.
"Sunfed" Pure Winter Wheat Bran
"Sunfed" Winter Wheat Bran with ground wheat screenings not to exceed mill run or 8%

The Larroewe Milling Co., Box 68, North End Station, Detroit, Mich.
Dried Beet Pulp
Dried Molasses-Beet Pulp
41% Protein Cottonseed Meal Prime Quality
Larro Broiler Feed
Larro Calf Meal
Larro Chick Grains
Larro Chick Starter
Larro Egg Mash
Larro Growing Grains
Larro Growing Mash

The Larrode Milling Co., Box 68, North End Station, Detroit, Mich.—(Continued)

Larro Poultry Fattening Feed
 Larro Pork-Maker
 Larro—the Ready Ration for Dairy Cows
 Larro Scratch Grains
 Larro Turkey and Game Bird Adult Mash
 Larro Turkey Grower

Libner Grain Co., Inc., 27 Commerce St., Norwalk, Conn.

Libner's Blue Ribbon Chick Starter
 Libner's Blue Ribbon Growing Mash
 Libner's Blue Ribbon Milk Egg Mash
 12% Libner's Blue Ribbon Fitting Ration
 20% Libner's Blue Ribbon Dairy Ration
 24% Libner's Blue Ribbon Dairy Ration

Lincoln Farm Products Corp., New York City.

Farm Brand Meat and Bone Scrap

The C. W. Lines Co., New Britain, Conn.

Homestead Dry Mash
 Homestead Scratch Feed
 Mill Pride Dairy Ration
 Mill Pride Fancy Scratch Feed
 Mill Pride Milk Mash

Litchfield County Co-operative Assoc., Torrington, Conn.

Common Sense Dairy
 Common Sense Growing Mash
 Common Sense Laying Mash
 Common Sense Scratch

Long Hill Feed Store, Long Hill, Conn.

Square Deal Buttermilk Laying Mash
 Square Deal Dairy Ration

L. B. Lovitt & Co., Memphis, Tenn.

"Lovit Brand" 41% Cottonseed Meal
 "Lovit Brand" 43% Cottonseed Meal

Maine Fish Meal Co., Portland, Maine.

Maine Sardine Fish Meal

E. Manchester & Sons, Winsted, Conn.

Huntington Red Star Egg Mash
 Red Star Egg Mash
 Red Star Flour Middlings
 Red Star Mixed Feed
 Red Star Scratch Feed
 Red Star Special Dairy Feed
 Sweet Sixteen Red Star Dairy Feed

The Mann Bros., Co., Buffalo, N. Y.

The Mann Bros. Co. 37% Protein Pure Old Process Linseed Meal

Maritime Milling Co., Inc., Buffalo, N. Y.

B-B Daisy All Mash Starter and Growing Feed Vitamized with Cod Liver
 Oil, Milk Sugar Feed, Dried Buttermilk
 B-B Daisy Chick Feed

Maritime Milling Co., Inc., Buffalo, N. Y.—(Continued)

B-B Daisy Egg Mash with Dried Buttermilk
B-B Daisy Egg Mash Vitamized with Cod Liver Oil and
 Dried Buttermilk
B-B Daisy Scratch Feed
B-B Dealer's Mixing Feed with Molasses
B-B Egg Red-E-Mixt Mash with Dried Buttermilk
B-B Hi-Test Dairy Feed 20% Protein, Sweetened
B-B Hi-Test Dairy Feed 24% Protein, Sweetened
B-B Marmico 16% Protein Dairy Feed with Molasses
Bull Brand All Mash Broiler Growing Ration Vitamized with Cod Liver
 Oil, Milk Sugar Feed, Dried Buttermilk
Bull Brand All Mash Chick Starter Ration Vitamized with Cod Liver
 Oil, Milk Sugar Feed, Dried Buttermilk
Bull Brand Breeders' Laying Mash Vitamized with Cod Liver Oil,
 Milk Sugar Feed, Dried Buttermilk
Bull Brand Calf Meal
Bull Brand Chick Feed
Bull Brand Fitting Ration
Bull Brand Horse Feed with Alfalfa and Molasses
Bull Brand Laying Mash with Milk Sugar Feed and Dried Buttermilk
Bull Brand Scratch Feed
Dollar Maker Egg Mash
Dollar Maker Egg Mash Vitamized with Cod Liver Oil
Sweetened Bull Brand "20" Dairy Ration
Sweetened Bull Brand "24" Dairy Ration
Sweetened Dollar Maker 20% Protein Dairy Feed
Sweetened Dollar Maker 24% Protein Dairy Feed

Meader Milling Co., Inc., Hoboken, N. J.

Purifine Linseed Oil Meal

Meech & Stoddard, Inc., Drawer 700, Middletown, Conn.

Red Wing 20% Dairy Ration
Red Wing Mixed Feed
Red Wing Molasses Horse Feed
Red Wing Special Buttermilk Chick Starting Feed
Red Wing Special Buttermilk Growing Feed
Red Wing Special Buttermilk Laying Mash
Red Wing Special Chick Feed
Red Wing Special 24% Dairy Ration
Red Wing Special Intermediate Chick Feed
Red Wing Special Scratch Feed
Red Wing Special Stock Feed

Miller Cereal Mills, Omaha, Neb.

Hominy Feed

Miner-Hillard Milling Co., Wilkes-Barre, Pa.

No. 1 Scratch Feed
Rye Middlings
"1795" Steam Cooked Corn and Oats
Steam Cooked Hominy Feed
Wheat Bran with screenings not exceeding mill run
Wheat Middlings with screenings not exceeding mill run

Monti-Van Iderstine, Inc., 272 Hudson Ave., Brooklyn, N. Y.

Movan

Geo. Q. Moon & Co., Inc., Binghamton, N. Y.

Moon's Baby Chick Grains
 Moon's 20% Dairy Feed with Molasses
 Moon's 24% Dairy Ration
 Moon's Developing Grains
 Moon's Fresh Ground Mixed Feed with ground screenings not to exceed mill run
 Moon's Fresh Ground White Middlings
 Moon's Growing Mash
 Moon's Horse Feed with Molasses
 Moon's Laying Mash with Dried Buttermilk
 Moon's Special A Scratch Feed
 Moon's Stock Feed
 Moon's Wheat Bran with ground screenings not to exceed mill run
 Moon's White Hominy Feed
 Old Times Horse Feed
 Special A Dairy 20% Ration

Fred C. Morse & Son, Guilford, Conn.

Old Mill 20% Dairy Feed
 Old Mill Dairy Feed 24%
 Old Mill Fitting Feed
 Old Mill Growing Mash
 Old Mill Horse Feed
 Old Mill Laying Mash with Milk and Oil
 Old Mill Laying Mash with Skim Milk
 Old Mill Provender
 Old Mill Scratch Feed
 Old Mill Starting Mash

Jas. F. Morse & Co., Somerville, Mass.

Morse's Meat Scrap

Moseley & Motley Milling Co., Rochester, N. Y.

Big B Wheat Bran
 Big B Wheat Middlings with ground screenings not exceeding mill run

National Milling Co., Toledo, Ohio.

Namico Wheat Middlings with ground screenings not exceeding mill run
 Pure Wheat Bran (Extra Broad)

New Orleans Export Co., Ltd., New Orleans, La.

Prime Cottonseed Meal 41%

Niagara Falls Milling Co., Lockport, N. Y.

Niagara Choice Wheat Bran
 Niagara Standard Wheat Midds with ground screenings not exceeding mill run

Northern Oats Co., 1201 Jackson St., N.E., Minneapolis, Minn.

Go-Fer Brand Feeding Oatmeal

North Western Consolidated Milling Div. of Standard Milling Co., Minneapolis, Minn.

Planet Feed
 Pure Wheat Bran
 Wheat Flour Middlings and ground wheat screenings
 Wheat Mixed Feed
 Wheat Standard Middlings and ground wheat screenings
 XXX Comet

Norwalk Grain Co., 48 Main St., Norwalk, Conn.

Favorite Egg Mash with Milk
Favorite Scratch

Nowak Milling Corp., Hammond, Ind.

Domino Chick Pel-ets
Domino Egg Pel-ets
Domino Growing Mash with Buttermilk
Domino Growing Pel-ets
Domino Laying Mash with Buttermilk
Domino Scratch Feed
Export Scratch Feed
Fidelity Scratch Feed

P. Fred'k Obrecht & Son, Baltimore, Md.

Egg-O-Milk

Ontario Milling Co., Inc., Oswego, N. Y.

Aunt Mary's Chick Starting Mash with Cod Liver Oil
Aunt Mary's Laying Mash
Aunt Mary's Laying Mash with Cod Liver Oil
Aunt Mary's Scratch Feed
Big Value 20% Dairy Feed with Molasses
Butterfat Dairy Feed with Molasses
Onto Horse Feed with Molasses
Oswego 20% Dairy Feed with Molasses
Oswego 24% Dairy Feed with Molasses
Oswego Laying Mash
Oswego Scratch Feed
Uncle John's 24% Cream Pot Ration

S. V. Osborn Estate, Branford, Conn.

Osborn Prevender
Osborn Scratch

Park & Pollard Co., Buffalo, N. Y.

All-In-One Starting Feed
Bet-R-Milk 20% Ration
Claco Dairy Ration
Corn and Oats 1/2 and 1/2
Fawthrop's Special 20% Dairy Ration
(Manufactured for Walter Fawthrop, Cromwell, Conn.)
Feed Meal
Go-Tu-It Pig & Hog Ration
Growing Feed
Growing Feed with Cod Liver Oil
Herdhelth 16% Ration
Holcomb's Milk Egg Mash
(Manufactured for R. H. Holcomb & Co., Newtown, Conn.)
Holcomb's Sweetened 20% Dairy Ration
(Manufactured for R. H. Holcomb & Co., Newtown, Conn.)
Intermediate Chick Feed
Lay or Bust Dry-Mash
Lay or Bust Dry-Mash with Cod Liver Oil
Milkade Calf Meal
Milk-Maid 24% Sweetened Dairy Ration
Overall 24% Dairy Ration
Park & Pollard Breeder Mash
Park & Pollard Broiler Ration
Park & Pollard Chick Scratch

Park & Pollard Co., Buffalo, N. Y.—(Continued)

Park & Pollard Chick Starter
 Park & Pollard Fitting Ration
 Park & Pollard Heavy Wheat Mixed Feed
 Park & Pollard Horse Feed
 Park & Pollard Stock Feed
 Park & Pollard Turkey Grower
 Park & Pollard Turkey Starter
 Red Ribbon Chick Feed
 Red Ribbon Scratch Feed
 Top Notch 16% Ration
 Yankee Dairy Ration

The Patent Cereals Co., Geneva, N. Y.

Hominy Feed

Pecos Valley Alfalfa Mill Co., Hagerman, New Mexico.

Alfalfa Meal
 Alfalfa Stem Meal
 Peevee Alfalfa Leaf Meal

Penick & Ford Ltd., Inc., Cedar Rapids, Iowa.

Douglas Corn Gluten Feed
 Douglas Corn Gluten Meal

Perkins Oil Co., Inc., Memphis, Tenn.

Goldenrod Brand Cottonseed Meal 41%

Pillsbury Flour Mills Co., Minneapolis, Minn.

Pillsbury's Fancy Mixed Feed and Screenings
 Pillsbury's Hard Wheat Bran and Screenings
 Pillsbury's Hard Wheat A. Middlings and Screenings
 Pillsbury's Hard Wheat Standard B. Middlings and Screenings
 Pillsbury's Rye Middlings and Screenings
 Pillsbury's Wheat Bran and Screenings
 Pillsbury's XX Daisy

Maurice Pincoffs Co., Houston, Texas.

Pinco Cottonseed Meal 41%
 Pinco Cottonseed Meal 43%

The Frank S. Platt Co., 450 State St., New Haven, Conn.

Platco Laying Mash
 Platco Perfection Grain Mixture

Postum Co., Inc., Battle Creek, Mich.

Burt's Hominy Feed

Pratt Food Co., Buffalo, N. Y.

Pratt's Baby Chick Food
 Pratt's Chick Scratch Feed
 Pratt's Growing Mash with Buttermilk
 Pratt's Intermediate Scratch Feed
 Pratt's Laying Mash with Buttermilk
 Pratt's Utility Horse Feed
 Pratt's White Hominy Feed

H. C. Puffer Co., 194 Lyman St., Springfield, Mass.

Egg-Em-On Growing Feed
Egg-Em-On Laying Mash
Egg-Em-On Scratch Grains
Sweetened Producer Dairy Feed
20% Producer Dairy Feed
24% Producer Dairy Feed

The Quaker Oats Co., 141 W. Jackson Blvd., Chicago, Ill.

Banner Feed
Barley Feed
Bell Cow Bran with ground screenings not exceeding mill run
Bell Cow Shorts with ground screenings not exceeding mill run
Big Egg Scratch Grains No Grit
Buckeye Feed
Early Bird Coarse Chick Feed
Early Bird Fine Chick Feed No Grit
Quaker Ful-O-Pep Chick Starter
Quaker Ful-O-Pep Coarse Chick Feed
Quaker Ful-O-Pep Egg Mash
Quaker Ful-O-Pep Fine Chick Feed
Quaker Ful-O-Pep Growing Mash
Quaker Ful-O-Pep Scratch Grains
Quaker Ful-O-Pep Station Grade Fattening Feed
Quaker Green Cross Horse Feed
Quaker 16% Protein Dairy Ration
Quaker 20% Protein Dairy Ration
Quaker 24% Protein Dairy Ration
Quaker Schumacher Feed
Quaker Sugared Schumacher Feed
Schumacher Calf Meal
Sugared Vim Feed
Vim Feed
White Hominy Feed
Yellow Hominy Feed

Ralston Purina Co., St. Louis, Mo.

Corn Feed Meal
Corn and Oat Provender
Dried Beet Pulp
Fine Ground Poultry Alfalfa Meal
Protena 16% Dairy Feed
Protena 20% Dairy Feed
Protena 24% Dairy Feed (Buffalo Mill)
Protena Scratch Feed (Buffalo Mill)
Protena Sweet Roughage Feed (Buffalo Mill)
Purina All Mash Egg Chowder
Purina All Mash Growena Chow
Purina All Mash Startena Chow
Purina Breeder Egg Chowder
Purina Broiler Chow
Purina Bulky Cow Chow
Purina Bulky Las Chow (Buffalo Mill)
Purina Bulky Omolene Chow
Purina Calf Chow
Purina Checkerboard Rolled Oats (Steam Cooked)
Purina Chick Chow
Purina Chicken Fatena Chow
Purina Chick Growena Chow
Purina Chick Growena Chow (with Cod Liver Oil)

Ralston Purina Co., St. Louis, Mo.—(Continued)

Purina Chick Startena Chow
 Purina 20% Cow Chow
 Purina 24% Cow Chow
 Purina 32% Chowder
 Purina Egg Chowder
 Purina Egg Chowder (with Cod Liver Oil)
 Purina Fitting Chow
 Purina Hen Chow
 Purina Hog Fatena Chow
 Purina Intermediate Hen Chow
 Purina Lay Chow
 Purina Lay Chow (with Cod Liver Oil)
 Purina Lay Chow (with Cod Liver Oil and Dried Buttermilk)
 Purina Omolene Chow
 Purina Steer Fatena Chow
 Purina Turkey Growing and Fattening Chow
 Purina Turkey Startena Chow

John Reardon & Sons Co., 51 Waverly St., Cambridge, Mass.

Register Brand Meat and Bone Scraps 45%
 Register Brand Meat Scraps 55%
 Register Brand Cod and Haddock Fish Meal

James Richardson & Sons, Ltd., Board of Trade Bldg., Montreal, Canada.
 Richardson Pure Wheat Bran**Robin Hood Mills, Ltd., Moose Jaw & Calgary, Canada.**

Blackhawk Standard Middlings with ground screenings not exceeding
 mill run
 Superior Wheat Bran
 Superior Wheat Reddog

Ronck & Bevis Co., 940 N. Front St., Philadelphia, Pa.
 Ro-Be Fish Meal**Rotex Milling Co., Cleveland, Ohio.**

Rotex Egg Mash
 Rotex Starting and Growing Mash

Sigmund Rothschild Co., Houston, Texas.
 41% Protein Cottonseed Meal**Russell-Miller Milling Co., Minneapolis, Minn.**

Alta Hard Wheat Middlings
 Hard Wheat Occident Bran
 Hard Wheat Occident Flour Middlings
 Hard Wheat Occident Mixed Feed
 Hard Wheat Occident Standard Middlings

Seymour Grain & Coal Co., Seymour, Conn.

18 Dairy Ration
 Miracle Chick Feed
 Miracle Chick Grower
 Miracle Chick Starter
 Miracle Cow Feed
 Miracle Fitting Ration
 Miracle Laying Mash with Skim Milk
 Miracle Molasses Horse Feed

Seymour Grain & Coal Co., Seymour, Conn.—(Continued)

Miracle Scratch Feed
See More Milk Dairy Feed

J. C. Shaffer Grain Co., 406 Merchants Exchg. Bldg., St. Louis, Mo.
Shafco Wheat Bran with Screenings**Sheffield Farms Co., Inc., 524 W. 57th St., New York City.**
Sheffield Skim Milk Powder**Shelton Feed Co., 73 Bridge St., Shelton, Conn.**
Nelson Mixed Chicken Feed**The Sherwin-Williams Co., 101 Prospect Ave., N.W., Cleveland, Ohio.**
Sherwin Williams Company Old Process Linseed Meal 32%
Sherwin Williams Pure Old Process Linseed Meal 34%**Southland Cotton Oil Co., Paris, Texas.**
Southland's 41 Cottonseed Meal**Ike Sovitsky, Ansonia, Conn.**

Ansonia Baby Chick Starter with Buttermilk and Cod Liver Oil
Ansonia 20% Sweetened Dairy Feed
Ansonia Egg Mash with Buttermilk and Cod Liver Oil
Ansonia Scratch Feed
Ansonia Stock Feed
Connecticut State Open Formula Dairy Ration

Soya Products, Inc., Chicago, Ill.
Soybean Oil Meal
Super Soy**Sparks Milling Co., Alton, Ill.**
Try Me Wheat Bran**A. E. Staley Mfg. Co., Decatur, Ill.**
Staley's Corn Gluten Feed
Staley's Soybean Oil Meal**D. A. Stickell & Sons, Inc., 67 West Baltimore St., Hagerstown, Md.**
Mixed Wheat Feed
Snap Scratch Grains
Stickell's Certified 20% Ration
Stickell's Intermediate Chick Feed
Stickell's Poultry Fatner
Su-Pur Growing Mash
Su-Pur Horse and Calf Feed
Two in One Scratch Grains
Victor Scratch Grains**St. Albans Grain Co., St. Albans, Vt.**
Corn Distillers' Dried Grains
Hygrade Fitting Ration
Hygrade Pure Cod and Haddock Fish Meal
Hygrade 16 Sweetened Milk Ration
Hygrade 20 Sweetened Milk Ration
Hygrade 24 Sweetened Milk Ration
Mornin' Call Poultry Grains

St. Albans Grain Co., St. Albans, Vt.—(Continued)

Paragon Dairy Feed
 Paragon Hominy Feed
 Pure Dried Skim Milk Powder
 Utility Dairy Ration
 Utility Pasture Ration
 Wirthmore All-Purpose Chick and Broiler Ration
 Wirthmore Baby Chick Scratch
 Wirthmore Baby Chick Starter, a Complete Balanced Feed for the First Six Weeks containing Fortified Cod Liver Oil
 Wirthmore 25 Balanced Ration Sweetened
 Wirthmore Breeder Mash
 Wirthmore Calf Meal
 Wirthmore Complete Growing Ration
 Wirthmore Complete Ration for Layers
 Wirthmore 16 Dairy Ration Sweetened
 Wirthmore 20 Dairy Feed Sweetened
 Wirthmore Dairy Feed with Beet Pulp Sweetened
 Wirthmore 14 Fitting Ration
 Wirthmore Flour Middlings
 Wirthmore Fleshing and Fattening Mash
 Wirthmore Fodder Greens
 Wirthmore Growing Mash
 Wirthmore Growing Mash (containing Fortified Cod Liver Oil)
 Wirthmore Horse Feed
 Wirthmore Intermediate Scratch Feed
 Wirthmore Laying Mash
 Wirthmore Laying Mash (containing Fortified Cod Liver Oil)
 Wirthmore Pig and Hog, a Growing and Fattening Feed
 Wirthmore Scratch Feed
 Wirthmore Stock Feed
 Wirthmore Turkey Breeder Ration
 Wirthmore Turkey Fattening Ration
 Wirthmore Turkey Growing Ration
 Wirthmore Turkey Starting Ration
 Wirthmore Wheat Feed

St. Lawrence Flour Mills Co., Ltd., Montreal, Canada.

Bran

Chas. M. Struven Co., Baltimore, Md.

Struven's Fish Meal

Syracuse Milling Co., Syracuse, N. Y.

Onondaga Dairy Feed Sweetened
 Onondaga Scratch Grains
 Syragold Chick Starter
 Syragold Dairy Feed
 Syragold Dairy Feed, Sweetened
 Syragold Egg Mash
 Syragold Feed Meal
 Syragold Flour Middlings with Mill Run Screenings
 Syragold Ground Corn and Oat Feed
 Syragold Growing Mash
 Syragold Horse Feed with Molasses
 Syragold Laying Mash with Buttermilk
 Syragold Laying Mash with Buttermilk and Cod Liver Meal
 Syragold Milk Ration
 Syragold Milk Ration, Sweetened
 Syragold Scratch Grains
 Syragold Stock Feed

Thomaston Supply Co., Thomaston, Conn.

Thomaston Dairy Ration
Thomaston Egg Mash
Thomaston Growing Mash
Thomaston Scratch

Tioga-Empire Feed Mills, Inc., Waverly, N. Y.

Broilertine
Chicatine
Chicatine with Cod Liver Oil Added
Derby-E-Gee Chick Grains
Derby E-Gee Scratch Feed
Derby Ground Corn and Oats
Ducatine
Egatine
Egatine with Cod Liver Oil Added
E-Gee Dairy Feed
Neverfail Horse Feed
Or-Co Feed
Red Brand Tioga Dairy Feed
Tioga Calf Food
Tioga Chick and Growing Mash
Tioga Chick and Growing Mash with Cod Liver Oil Added
Tioga Growing Shoat Feed
Tioga Laying Food
Tioga Laying Food with Cod Liver Oil Added
Tioga-Neverfail Chick Grains
Tioga-Neverfail Growing Grains
Tioga-Neverfail Poultry Grain

Traders Feed & Grain Co., Inc., 736 Chamber of Commerce Bldg., Buffalo, N. Y.

Bonny Hard Wheat Bran and Screenings
Maple Leaf Pure Wheat Bran
(Manufactured by Maple Leaf Milling Co., Ltd., Toronto, Canada)
Rex Wheat Middlings and Screenings
(Manufactured by Maple Leaf Milling Co., Ltd., Toronto, Canada)

Transit Milling Co., Galveston, Texas.

Texas Bull Brand Cottonseed Meal 41%
Texas Bull Brand Cottonseed Meal 43%
Tranco Brand 41% Cottonseed Meal

Jacob Trinley & Sons, Linfield, Pa.

Corn Feed Meal
Favorite 20% Dairy Ration
Favorite Horse Feed
Favorite Laying Mash
Favorite Scratch Grains
Mixing Special
Real Chick Starter
Real Fattening Mash with Buttermilk
Real Growing Mash
Real Laying Mash
Real Scratch Grains
Real Stock Feed
Supreme 85% Horse Feed
Trinley's 16% Dairy Feed
Trinley's 24% Dairy Feed

Union Starch & Refining Co., Columbus, Ind.
Union Corn Gluten Feed

United Cooperative Farmers, Inc., Fitchburg, Mass.
United Farmers Milk Egg Mash
United Farmers Milkmaker
United Farmers Starting and Growing Mash

United Mills Co., Inc., Grafton, Ohio.
U.M.C. Wheat Middlings with ground screenings not exceeding mill run

Upper Hudson Rye Flour Mills, Inc., 7 Madison St., Troy, N. Y.
Upper Hudson Rye Feed

Van Iderstine Co., Long Island City, N. Y.
Vico Quality Meat and Bone Scrap for Poultry
Vico Quality Meatine for Poultry

Victor Flour Mills, Inc., Pittsford, N. Y.
Victor Spring Wheat Bran with ground screenings
Victor Spring Wheat Middlings with ground screenings

Ward Dry Milk Co., St. Paul, Minn.
Ward's Pure Dried Buttermilk
Ward's Pure Dried Skim Milk

Watertown Co-operative Assoc., Watertown, Conn.
Sterling Scratch Feed

Wayne County Grangers Feed Corp., Clyde, N. Y.
Clyde 20% Dairy Feed
Galen 24% Dairy Feed
Grange Scratch Feed
Hy-Yan-Ka Farms 20% Dairy Feed with Beet Pulp
Milkproducer 24% Dairy Feed
Superior Chick Starter with Buttermilk and Cod Liver Oil
Superior 20% Dairy Feed
Sweetened 16% Dairy Feed
Superior Laying Mash with Buttermilk and Cod Liver Oil
Universal Horse Feed

F. S. Wertz & Son, Reading, Pa.
Faramel Horse Feed
Reading Egg Mash
Special 24 Dairy Feed

West-Nesbitt, Inc., Oneonta, N. Y.
All Pure 20% Milk Ration
Connecticut State Formula Mash
Pure Feed Dairy Ration
Pure Feed Egg Mash
Pure Feed Egg Mash with Buttermilk
Pure Feed Horse Ration
Pure Feed Scratch Grains
Pure Feed Starting and Growing Mash
Super Pure Feed Dairy Ration
Super Pure Sweetfeed Dairy Ration

Wolf's Feed Store, Shelton, Conn.

Wolf's 20% Dairy Ration
Wolf's Egg Mash
Wolf's Scratch Feed

Worcester Rendering Co., Auburn, Mass.

P. W. Fish Meal

Yantic Grain & Products Co., Norwich, Conn.

All in All Egg Ration
All-Mo
Big (Y) All-In-All Growing Ration
Big (Y) Chick Grain
Big (Y) Chick Starter with Cod Liver Oil
Big (Y) Complete Broiler and Chick Ration
Big (Y) Dairy, 16%
Big (Y) Dairy, 20%
Big (Y) Dairy, 24%
Big (Y) Fitting Ration
Big (Y) Flour Middlings
Big (Y) Growing Feed with Cod Liver Meal and Dried Milk
Big (Y) Horse Feed
Big (Y) Intermediate Chick Feed
Big (Y) Laying Mash
Big (Y) Laying Mash with Dried Milk and Cod Liver Meal
Big (Y) Laying Mash with Buttermilk and Cod Liver Oil
Big (Y) Mixed Feed
Big (Y) Scratch Feed
Big (Y) Stock Feed
Big (Y) Sugared Oat Feed
Big (Y) Sugared Stock Feed
Big (Y) Turkey Growing
Big (Y) Turkey Starter
Calico Girl Scratch Feed
Columbia Dairy Feed
Columbia Laying Mash with Dried Milk and Cod Liver Meal
Columbia Scratch Feed
Economy Pasture Ration
O. F. D. Ration, 20%
O. F. D. Ration, 24%
Uncas Scratch Feed

Young Bros., Co., Inc., Danielson, Conn.

Dried Skim Milk

INSPECTION

For the year 1933 a total of 1,299 samples of feeding stuffs and related materials have been examined. They are classified as follows:

Concentrated feed stuffs	815
Miscellaneous feeds examined for individuals	76
Feeds examined for poisons, etc.	3
Pasture grass samples and other fodder materials from	
Storrs' station	385
Check samples, cottonseed meal and feed	20
Total	1299

Samples submitted by the Storrs Agricultural station are not discussed in this report.

Analyses of official samples are given in Table I. Tables Ia and Ib show summaries of the deficiencies found in guaranteed nutrients and the distribution of the deficiencies. Deficiencies of 0.75 per cent in protein and fiber, and of 0.25 per cent in fat, are disregarded in compiling these summaries.

Of 815 official samples 95 were deficient in one or more of the guaranteed nutrients. About 88 per cent, therefore, substantially met or exceeded guaranties in all respects.

The total number of guaranties made was 2,429 and the total number of deficiencies was 108. About 96 per cent of the guaranties made were met or exceeded.

Since the present Statute concerning commercial feeding stuffs was enacted, in 1925, the experience in the matter of deficiencies as summarized above has been as follows:

Year	No. of official samples	Samples meeting guaranties %	Individual guaranties met %
1925	488	83	94
1926-7	670	83	94
1928	716	78	92
1929	646	82	94
1930	678	81	93
1931	739	88	96
1932	836	85	95
1933	815	88	96

These figures show that the proportion of samples meeting guaranties has increased notably in the past three years. The proportion of individual guaranties met has been high during the whole period but especially so since 1930.

The miscellaneous feeds examined for individuals, and the samples examined for poisons, need no special comment. In the examination of feeds submitted by purchasers for purposes of checking guaranties, the Station assumes no responsibility for the sampling.

Correction: In our report of inspection for 1932, Bulletin 351, p. 567, the guaranties given for fiber and fat in *Imperial Steam-Cooked Feed*

(Imperial Grain and Milling Co.) are reversed due to the firm's error in registering. The correct guaranties should read fiber 4.60 per cent and fat 4.00 per cent. On this guaranty, although our analysis showed 4.83 per cent of fiber, the sample would not have been classed as deficient, and the percentage shown on p. 639 of the report should therefore have been 100 instead of 67. We acknowledge our oversight in not noting the discrepancy between the tags and the registration; but our analysis report sent to the firm several months before publication of our bulletin should have served to detect the error. This is the purpose of the practice of sending preliminary reports to both purchaser and manufacturer.

TABLE I. ANALYSES OF COMMERCIAL FEEDS, INSPECTION OF 1933

Starting No.	Manufacturer and brand	Retail dealer	Pounds per hundred					
			Water	Protein (N x 6.25)		Fiber	Fat	Found not more than Guaranteed
				Found	Guaranteed not less than			
2269	Oil Seed Products <i>Cottonseed Meal</i>			%	%	%	%	%
3240	Ashcraft-Wilkinson Co., Atlanta, Ga. Helmet	Thomaston: Thomaston Supply Co.	7.43	41.56	41.00	9.18	10.00	6.30
2134	Ashcraft-Wilkinson Co., Atlanta, Ga. Monarch	Putnam: Dayville Grain Co.	7.35	42.63	43.00	7.70	10.00	6.28
2126	Cairo Meal & Cake Co., Cairo, Ill. Miss Cairo Brand	Amiston: Amiston Grain Mill	6.43	40.50	41.00	10.35	10.00	7.05
3242	Humphreys-Godwin Co., Memphis, Tenn. Humphreys-Godwin Co., Memphis, Tenn.	Colchester: P. Cutler, Inc.	6.68	43.25	43.00	7.88	11.00	6.70
2086	Dixie Brand 41% Larrowe Milling Co., Detroit, Mich. 41% Prime Quality	Norwich: A. E. Shedd	8.45	41.00	41.00	8.65	12.00	7.83
3136	I. B. Lovitt & Co., Memphis, Tenn. "Lovit Brand" 41%	Branford: S. V. Osborn Est.	6.15	40.56	41.00	8.53	10.00	6.63
3697	Maurice Pincoffs Co., Houston, Texas Pinco 41%	New Milford: Geo. T. Soule & Co.	8.28	40.00	41.00	9.47	10.00	5.80
3761	Maurice Pincoffs Co., Houston, Texas Pinco 43%	Rockville: Rockville Grain & Coal Co.	7.23	39.50	41.00	12.20	14.00	6.20
4125	Transit Milling Co., Galveston, Texas Texas Bull Brand 41%	Colchester: P. Cutler, Inc.	7.70	42.06	43.00	10.58	12.00	6.38
		Mt. Carmel: Hamden Grain Co.	7.13	42.19	41.00	11.03	11.00	6.48

3637	Transit Milling Co., Galveston, Texas Texas Bull Brand 43%	Norwalk: Libner Grain Co.	8.78	42.25	43.00	10.43	11.00	5.90	5.00
<i>Linseed Meal</i>									
3487	Archer-Daniels-Midland Co., Minneapolis, Minn. Pure Old Process	Plantsville: C. A. Cowles	9.40	32.06	32.00	8.05	9.00	5.49	5.00
3160	Archer-Daniels-Midland Co., Minneapolis, Minn. Pure Old Process	Tariffville: Tariffville Grain Co.	9.88	38.75	37.00	6.30	9.00	4.55	4.50
3207	Bisbee Linseed Co., Chicago Heights, Ill. Bisbee Pure Old Process 34%	Thompsonville: Geo. S. Phelps & Co.	9.50	35.00	34.00	7.18	10.00	5.93	5.00
3218	Kelloggs & Miller, Inc., Amsterdam, N. Y. 'K & M' Brand Pure Old Process 34%	Willimantic: Boston Grain Co.	9.20	38.50	34.00	6.75	9.00	6.15	5.00
3090	Spencer Kellogg & Sons, Inc., Buffalo, N. Y. Kellogg's 37% Pure Old Process	Colchester: P. Cutler, Inc.	9.80	39.25	37.00	6.40	10.00	5.45	4.50
3596	The Mann Bros. Co., Buffalo, N. Y. The Mann Bros. Co. 37% Pure Old Process	Southbury: Southbury Grain Co.	10.20	38.13	37.00	6.23	10.00	6.29	6.00
3600	Meader Milling Co., Hoboken, N. J. Purfine 34%	Watertown: Watertown Co-op. Asso.	9.48	33.00	34.00	7.60	8.00	4.60	5.00
2090	The Sherwin-Williams Co., Cleveland, Ohio. Sherwin-Williams Pure Old Process 34%	Branford: S. V. Osborn Est.	8.10	38.13	34.00	7.38	10.00	5.48	5.00
<i>Soy bean meal</i>									
3712	Allied Mills, Inc., Chicago, Ill. Super-Soy. (Mfr's. Soya Products, Inc.)	Bristol: A. J. Bowers	8.75	40.00	37.00	5.25	6.50	5.63	5.00
2135	Archer-Daniels Midland Co., Minneapolis, Minn. Pure Old Process	Aniston: Aniston Grain Mill	11.18	43.50	41.00	5.30	7.00	4.45	4.50
2257	A. E. Staley Mfg. Co., Decatur, Ill. Staley's	Kensington: A. S. Labieniec	10.00	42.25	41.00	5.25	7.00	5.63	4.50

1918	Hecker-Jones-Jewell Milling Co., Buffalo, N. Y.	Choice	Plantsville: C. A. Cowles	10.78	15.81	13.50	10.28	14.00	4.88	3.50
3161	International Milling Co., Minneapolis, Minn.	Black Hawk Pure	Granby: E. H. Rollins	12.38	18.00	15.00	9.60	12.00	5.20	3.20
3849	Jones & Quinn, New York City, Argentina	Southport: C. Buckingham & Co.	11.20	15.63	13.00	10.25	13.00	3.55	4.00	
2232	Kansas Flour Mills Corp., Kansas City, Mo.	Big Flake	Wallingford: A. E. Hall	11.45	15.25	15.00	8.98	11.00	4.30	3.50
3467	The Larabee Flour Mills Co., Kansas City, Mo.	"Sunified" Winter, with Screenings	Wallingford: A. E. Hall	12.90	16.69	15.00	9.18	11.00	4.23	3.50
3065	The Larabee Flour Mills Co., Kansas City, Mo.	"Sunted" Pure	Bridgeport: Brooklawn Feed Co.	11.75	15.25	15.00	8.62	11.00	4.58	3.50
1931	Geo. Q. Moon & Co., Inc., Binghamton, N. Y.	Moon's	Stratford: Z. C. Ingersoll	11.05	15.50	15.00	7.13	10.00	3.58	3.00
3774	Moseley & Motley Milling Co., Rochester, N. Y.	Big B	Westerly: C. W. Campbell Co.	10.95	16.63	13.50	9.95	13.00	5.50	3.00
3522	National Milling Co., Toledo, Ohio.	Pure (Extra Broad)	Brockfield: S. A. Smith & Son	12.03	17.63	14.00	7.83	10.00	4.00	3.00
3706	Niagara Falls Milling Co., Lockport, N. Y.	Niagara Choice	New Haven: Moran—Paton Co.	12.33	16.00	15.50	10.08	11.00	5.43	4.00
2301	Northwestern Consolidated Milling, Div. of Standard Milling Co., Minneapolis, Minn.	Pure	Bloomfield: Bloomfield Farmers' Exchange	12.28	17.13	14.00	8.65	12.00	5.33	4.00
3510	Pillsbury Flour Mills Co., Minneapolis, Minn.	Pillsbury's Hard with Screenings	Bethel: Morrison & Dunham	11.98	16.88	14.00	9.30	12.00	5.23	4.00
4141	The Quaker Oats Co., Chicago, Ill.	Bell Cow	Manufacturer's sample	8.98	17.38	15.00	10.00	10.00	5.25	3.50
2101	Jas. Richardson & Sons, Ltd., Montreal, Canada.	Richardson Pure	Groton: C. W. Campbell Co.	11.85	17.19	15.00	9.35	11.50	5.53	3.50
3741	Robin Hood Mills, Ltd., Moose Jaw, Canada.	Superior	Danielson: Dayville Grain Co.	11.35	18.13	15.00	9.73	11.50	5.55	3.50
3584	Russell-Miller Milling Co., Minneapolis, Minn.	Hard Wheat Occident	Middletown: Meech & Stoddard Inc. ..	12.25	17.38	14.00	8.95	11.50	5.25	4.00

TABLE I. ANALYSES OF COMMERCIAL FEEDS, INSPECTION OF 1933—Continued

Manufacturer and brand Retail dealer Street no.	Pounds per hundred					
	Wheat		Fiber		Fat	
	Protein (N x 6.25)	Found	Found	Guaranteed not less than	Found	Guaranteed not less than not more than
Wheat Products—Continued Wheat Bran—Concluded						
J. C. Shaffer Grain Co., St. Louis, Mo. Shafco with Screenings	Rockville: Rockville Grain & Coal Co.	11.83	15.38	14.50	8.10	10.00
St. Lawrence Flour Mills Co., Ltd., Montreal, Canada	Danielson: Young Bros. Co.	9.95	17.31	15.00	10.10	11.50
Traders Feed & Grain Co., Buffalo, N. Y. Maple Leaf Pure	Westville: Westville Grain Co.	11.40	17.00	15.00	10.35	11.50
<i>IV. Wheat middlings and similar products</i>						
Commander-Larabee Co., Minneapolis, Minn. Sunfed Wheat Standard Middlings	Naugatuck: Naugatuck Grain Co.	11.25	19.25	14.50	7.25	9.50
Chas. M. Cox Co., Boston, Mass., Ogilvie's Wheat Shorts	Willimantic: Boston Grain Co.	10.65	18.75	16.00	7.78	8.00
Faroll Bros., New York City. Wheat Standard Middlings	Norwich: Yantic Grain & Products Co.	11.28	17.00	14.00	6.25	9.50
J. A. Forrest, Minneapolis, Minn., Lakewood Wheat Shorts	Braford: S. V. Osborn Est.	11.30	18.75	16.00	7.03	8.00

3635	General Mills, Inc., Minneapolis, Minn. Washburn's Gold Medal Hard Wheat Standard Middlings and Wheat Screenings	Norwalk: Libner Grain Co.	10.58	18.19	15.00	6.13	9.50	5.15	4.00
3479	Frank B. Ham & Co., Ltd., Toronto, Canada. "Hamco" Wheat Shorts..	Wallingford: Laden Bros., Co., Inc.	12.45	18.94	15.00	6.48	10.50	5.93	3.50
3011	Wm. Hamilton & Son, Inc., California, N. Y. Standard Wheat Middlings	Cheshire: Center Grain Co.	11.18	17.63	16.00	4.71	8.50	4.98	4.50
3015	Hecker-Jones-Jewell Milling Co., Buffalo, N. Y. Wheat Standard Middlings	Southington: Southington Lumber Co.	10.15	19.25	15.00	7.55	9.50	5.68	4.75
3162	International Milling Co., Minneapolis, Minn. Black Hawk Wheat Standard Middlings	Granby: E. H. Rollins	11.15	18.75	16.00	7.48	8.50	5.48	4.50
3698	Jones & Quinn, Inc., New York City, Argentine Wheat Standard Middlings	Rockville: Rockville Grain & Coal Co.	11.10	16.19	14.00	9.00	9.50	4.45	4.00
3484	King Midas Mill Co., Minneapolis, Minn. Wheat Standard Middlings, E. Manchester & Sons, Winsted, Conn. Red Star Flour Middlings..	Meriden: Reliable Feed Store	11.05	17.38	15.00	7.75	9.50	5.75	4.00
2285	Geo. Q. Moon & Co., Inc., Binghams-ton, N. Y. Moon's Fresh Ground White Middlings	Winsted: E. Manchester & Sons	11.23	17.88	15.00	4.95	6.00	4.90	4.00
3676	Moseley & Motley Milling Co., Rochester, N. Y. Big B Wheat Middlings with Ground Screenings	Higganum: Felix Petrofsky	11.13	18.75	15.00	4.75	7.50	5.43	3.50
3775	Niagara Falls Milling Co., Lockport, N. Y. Niagara Standard Wheat Midds	Westerly: C. W. Campbell Co.	10.35	19.56	15.00	6.90	9.00	5.63	4.50
3451	Northwestern Consolidated Milling, Div. of Standard Milling Co., Minneapolis, Minn. Wheat Standard Middlings	Derby: Derby Feed Store	12.10	17.50	15.50	6.90	7.50	5.20	4.50
2300	Bloomfield: Bloomfield Farmers' Exchange	9.68	17.88	15.00	8.23	9.50	5.58	4.00	

TABLE I. ANALYSES OF COMMERCIAL FEEDS, INSPECTION OF 1933—Continued

Station No.	Manufacturer and brand	Pounds per hundred						
		Retail dealer		Water		Fat		
		Protein (N x 6.25)	Fiber	Found	Guaranteed, not less than	Found	Guaranteed, not less than	
<i>Wheat Products—Continued</i>								
<i>Wheat middlings and similar products</i>								
<i>Concluded</i>								
3541	Pillsbury Flour Mills Co., Minneapolis, Minn. Pillsbury's Hard Wheat A Middlings and Screenings New Milford: Geo. T. Soule Co.	11.65	18.31	16.00	2.80	6.00	4.23	
3571	Pillsbury Flour Mills Co., Minneapolis, Minn. Pillsbury's Hard Wheat Standard B Middlings and Screenings Torrington: F. L. Wadham & Sons	11.90	17.25	15.00	6.85	9.50	5.23	
4142	The Quaker Oats Co., Chicago, Ill. Bell Cow Shorts Russell Miller Milling Co., Minneapolis, Minn. Hard Wheat Occident Standard Middlings St. Albans Grain Co., St. Albans, Vt. Wirthmore Flour Middlings and Screenings Syracuse Milling Co., Syracuse, N. Y. Syragold Flour Middlings with Mill Run Screenings Traders Feed & Grain Co., Inc., Buffalo, N. Y. Rex Wheat Middlings	8.75	18.94	15.00	6.55	8.00	4.00	
2229	Manufacturer's sample Manufacturer's sample Wallingford: A. E. Hall	10.15	15.38	15.00	8.18	9.50	6.10	
3547	Kent: H. H. Taylor & Son	11.90	17.19	15.00	4.40	6.00	4.10	
2023	So. Norwalk: Ferris-Devine Co.	10.20	17.69	15.00	5.10	6.00	5.03	
2152	Willimantic: Willimantic Grain Co.	11.00	18.50	16.50	6.53	7.50	5.88	

3612	Yantic Grain & Products Co., Nor-	Naugatuck: Naugatuck Grain Co.	11.50	18.00	16.50	5.25	6.00	5.13	4.00
<i>Wheat red dog</i>									
2196	Flory Milling Co., Inc., Bangor, Pa.	Sandy Hook: Consumers Food Stores, Inc.	11.20	15.63	13.50	2.58	4.00	3.20	2.50
3540	General Mills, Inc., Minneapolis, Minn. Washburn Gold Medal Pure Hard Wheat Adrian Red Dog Co., Buffalo, N. Y.	Danbury: F. C. Benjamin	11.10	16.56	16.00	1.73	4.00	3.65	3.50
4124	Hecker-Jones-Jewell Co., Buffalo, N. Y.	Mt. Carmel: Hamden Grain Co., Bloomfield: Bloomfield Farmers' Exchange	11.03	18.00	15.00	2.43	4.00	4.10	4.25
3164	International Milling Co., Minneapolis, Minn. Black Hawk Co., Minneapolis, Minn. Pillsbury's XX Dairy Robin Hood Mills, Ltd., Calgary, Canada. Superior	11.30	21.56	16.00	3.08	4.00	4.90	3.50	
3542	Pillsbury Flour Mills Co., Minneapolis, Minn. Pillsbury's XX Dairy Robin Hood Mills, Ltd., Calgary, Canada. Superior	New Milford: Geo. T. Soule Co.	11.50	18.31	16.00	1.30	4.00	3.95	4.00
3733		Willimantic: Willimantic Grain Co.	10.35	20.00	16.00	3.73	4.00	6.05	3.50
<i>Wheat feed (mixed feed)</i>									
4144	Excelsior Milling Co., Minneapolis, Minn. Pure Camel Fancy Wheat Mills, Inc., Minneapolis, Washburn's Gold Medal Fancy	Putnam: Dayville Grain Co.	10.43	15.63	16.00	5.35	8.50	4.50	5.00
3797	Minn. Washburn's Gold Medal	Kensington: S. F. Labieniec	11.48	16.50	15.00	5.73	7.50	4.10	3.50
3499	H. H. King Flour Mills Co., Minneapolis, Minn. "Gold Mine"	Plantsville: C. A. Cowles	12.75	18.00	15.00	6.83	9.50	4.53	4.50
3565	E. Manchester & Sons, Winsted Conn. Red Star	Winsted: E. Manchester & Sons	12.03	17.38	16.00	6.80	7.50	4.68	4.00
2302	Meech & Stoddard, Inc., Middletown, Conn. Red Wing Co.	Bloomfield: Bloomfield Farmers' Exchange	11.10	16.88	15.00	6.80	10.00	5.10	4.50
3559	Geo. Q. Moon & Co., Binghamton, N. Y. Moon's Fresh Ground (with ground screenings)	Norfolk: Aug. P. Curtis	11.40	14.75	15.00	7.05	10.00	3.45	5.00
2290	Northwestern Consolidated Milling Div. of Standard Milling Co., Minneapolis, Minn. XXX Comet	Bloomfield: Bloomfield Farmers' Exchange	10.70	18.94	16.00	1.60	4.00	4.53	4.00

TABLE I. ANALYSES OF COMMERCIAL FEEDS, INSPECTION OF 1933—Continued

2133	Anheuser-Busch, Inc., St. Louis, Mo.	Amston: Amston Grain Mill	10.80	25.88	25.00	5.85	8.50	2.30	2.00
3238	Corn Gluten Feed	Clinton: Clinton Corn Gluten Feed	10.35	27.75	25.00	5.80	8.50	2.35	2.00
2230	Corn Products Sales Co., New York City.	Dayville: Dayville Grain Co.	11.23	25.63	25.00	6.55	8.50	1.65	2.00
3110	Buffalo Corn Gluten Feed	Wallingford: A. E. Hall	9.38	41.88	43.00	2.55	4.00	2.13	1.00
2195	Diamond Corn Gluten Meal	Kensington: A. S. Labieniec	13.38	10.25	10.00	3.68	5.00	6.88	5.00
2171	Flory Milling Co., Inc., Bangor, Pa.	Sandy Hook: Consumer's Food Stores, Inc.	10.33	27.94	25.00	6.75	8.50	2.48	1.50
3606	Corn Feed Meal	Shelton: Wolf Savitsky	11.65	10.25	8.50	2.55	5.00	5.10	3.00
2127	Ralston Purina Co., St. Louis, Mo.	Waterbury: Waterbury Feed Store	10.30	28.44	25.00	4.78	8.00	3.20	1.00
3502	A. E. Staley Mfg. Co., Decatur, Ill.	Colchester: P. Cutler, Inc.	11.98	9.56	8.00	3.45	4.00	6.13	3.00
3114	Staley's Corn Gluten Feed	Jacob Trinley & Sons, Linfield, Pa.	12.50	27.13	25.00	6.21	8.00	1.65	1.00
	Jacob Trinley & Sons, Linfield, Pa.	West Cheshire: Cheshire Grain & Coal Co.	11.25	10.63	10.00	4.08	6.00	7.65	7.00
	Corn Feed Meal	Plainville: State Farmers' Co-op.	8.50	12.50	10.00	5.25	6.00	7.63	6.00
	Union Starch & Refining Co., Columbus, Ind.	Kellogg Co., Battle Creek, Mich.	9.33	11.38	10.00	4.50	6.00	8.05	7.00
	Union Corn Gluten Feed	White: Krause Milling Co., Milwaukee, Wis.	8.18	11.13	10.00	3.78	5.00	6.78	6.00
		Putnam: Dayville Grain Co.	9.80	10.88	10.00	4.35	5.00	6.40	6.00

Hominy feed

1914	Acme-Evans Co., Indianapolis, Ind.	West Cheshire: Cheshire Grain & Coal Co.	11.25	10.63	10.00	4.08	6.00	7.65	7.00
3709	Acme Milling Co., Inc., Decatur, Ill.	New Haven: Moran-Paton Co.	11.28	11.25	10.00	4.08	6.00	7.35	7.00
2291	Decatur Milling Co., Inc., Decatur, Ill.	Bloomfield: Bloomfield Farmers' Exchange	8.50	12.50	10.00	5.25	6.00	7.63	6.00
3854	Evans Milling Co., Indianapolis, Ind.	Manufacturer's sample	9.33	11.38	10.00	4.50	6.00	8.05	7.00
2261	Emco	Kellogg Co., Battle Creek, Mich.	8.18	11.13	10.00	3.78	5.00	6.78	6.00
3239	Forbes Bros.—Central Mills, Topeka, Kansas	Naugatuck: Naugatuck Grain Co.	9.80	10.88	10.00	4.35	5.00	6.40	6.00

TABLE I. ANALYSES OF COMMERCIAL FEEDS, INSPECTION OF 1933—Continued

Station No.	Manufacturer and brand	Retail dealer	Pounds per hundred						
			Water		Protein (N x 6.25)		Fiber		Fat
			Found	Guaranteed, not less than	Found	Guaranteed, not more than	Found	Guaranteed, not less than	Found
<i>Maize Products—Concluded</i>									
2124	<i>Hominy Feed—Concluded</i>								
2124	Miller Cereal Mills, Omaha, Neb.	Lebanon: Berkman Grain Co.	9.85	9.94	11.00	3.50	4.50	6.15	7.00
3078	Miner-Hillard Milling Co., Wilkes-Barre, Pa.	New London: New London Grain Co.	10.50	9.75	10.00	3.60	5.00	5.25	5.00
3682	Geo. Q. Moon & Co., Inc., Binghamton, N. Y.	Middletown: P. Lervson & Son	8.78	10.81	10.00	6.45	6.00	8.20	5.00
3460	The Patent Cereals Co., Geneva, N. Y.	Ansonia: Ansonia Flour & Feed Co.	11.98	10.94	10.00	4.55	5.00	5.90	5.00
3108	Postum Co., Inc., Battle Creek, Mich.	Kensington: A. S. Labieniec	11.88	11.06	10.00	4.62	5.00	6.78	6.00
1984	Burt's	Bristol: Bristol Supply Co.	10.15	10.69	10.00	3.55	6.00	6.25	5.00
4123	Pratt Food Co., Buffalo, N. Y.	The Quaker Oats Co., Chicago, Ill.	10.28	10.50	10.00	4.00	5.00	6.73	5.00
3893	White	Mt. Carmel: Hamden Grain Co.	9.80	10.44	10.00	3.88	5.00	4.95	5.00
3763	The Quaker Oats Co., Chicago, Ill.	Long Hill: Long Hill Feed Store	9.88	11.13	10.00	4.20	7.00	7.15	6.00
	Yellow	Norwich: Norwich Grain Co.							
	St. Albans Grain Co., St. Albans, Vt.								
	Paragon								
<i>Rye Products</i>									
3192	Upper Hudson Rye Flour Mills, Inc., Troy, N. Y.	Rockville: Rockville Grain & Coal Co.	10.90	17.75	15.50	4.48	6.00	3.40	3.00

3084	Brewers' and Distillers' Grains Allied Mills, Inc., Chicago, Ill.	6.58	25.38	20.00	14.30	18.00	7.50	4.50
3208	Brewers Dried Grains Farmers Feed Co., New York City.	8.30	28.50	24.00	13.95	17.00	6.40	6.00
	Bull Brand Dried Brewers Grains..							
	Dried Beet Pulp							
3126	Larrowe Milling Co., Detroit, Mich.	11.20	9.94	8.00	18.87	22.00	0.68	0.40
1913	Larrowe Milling Co., Detroit, Mich.	4.80	12.69	8.00	14.32	20.00	0.58	0.40
	Dried Molasses							
	Proprietary Mixed Feeds							
	<i>Horse feeds</i>							
3236	Alfalfa Products Co., San Francisco, Calif. Alfalfa Leaf Meal	9.55	21.88	20.00	15.50	18.00	2.80	2.00
4128	Allied Mills, Inc., Chicago, Ill. Arab Allied Mills, Inc., Chicago, Ill. June	11.20	11.25	10.00	9.60	12.00	3.10	2.00
3520	Pasture	11.40	13.25	10.00	18.73	21.00	0.53	0.50
2315	Allied Mills, Inc., Chicago, Ill. Pure Corn and Oats Provenor	10.83	10.50	9.00	5.18	10.00	4.15	3.50
4127	Allied Mills, Inc., Chicago, Ill. Wayne Supreme	11.75	11.25	9.50	5.10	8.00	3.38	3.00
3483	Arcady Farms Milling Co., Chicago, Ill. Wonder Horse and Mule Feed	11.80	10.38	9.00	4.80	10.00	3.35	3.00
3759	E. W. Bailey & Co., Montpelier, Vt. Pennant	13.10	12.13	10.75	5.35	6.50	3.50	3.50
3625	Beacon Milling Co., Inc., Cayuga, N. Y. Beacon's Cayuga	13.63	10.06	8.00	6.20	10.00	2.23	2.00
3624	Beacon Milling Co., Inc., Cayuga, N. Y. Beacon	12.38	11.69	9.00	6.00	10.00	2.70	2.50
2164	Beacon Milling Co., Inc., Cayuga, N. Y. Corn and Oats Chop	12.55	9.88	9.50	5.13	7.00	4.33	4.00
3773	C. W. Campbell Co., Westerly, R. I. Camco	13.30	11.06	10.00	5.60	10.00	3.10	3.00

TABLE I. ANALYSES OF COMMERCIAL FEEDS, INSPECTION OF 1933—Continued

3500	Denver Alfalfa Milling & Products Co., Lamar, Colo.	Alfalfa Leaf Meal	West Cheshire: Cheshire Grain & Coal Co.	9.40	18.75	20.00	15.80	18.00	2.29	2.50
3762	Dietrich & Gambrill, Inc., Frederick, Md.	Gambrill's Eastern States Farmers' Exchange, Springfield, Mass.	Colchester: P. Cutler, Inc.	11.90	12.69	10.00	5.08	12.00	3.25	3.50
4150	Highland 12	Eastern States Farmers' Exchange, Springfield, Mass.	Norwich: A. E. Shedd	9.60	14.63	12.00	10.33	11.50	3.80	3.50
3133	Highland 16	Eastern States Farmers' Exchange, Springfield, Mass.	New Milford: Paul Caldwell	12.23	18.13	16.00	9.59	11.00	2.95	3.50
3131	Eastern States Farmers' Exchange, Springfield, Mass.	Horse & Calf Ration, Inc., Oneonta, N. Y.	New Milford: Paul Caldwell	12.23	11.63	10.50	5.85	7.00	3.75	3.50
3186	E'more Milling Co., Inc., Elmwood, N. Y.	Elmore, with Molasses	Glastonbury: Stanley Melzen	13.40	9.81	9.00	5.30	11.00	3.20	2.50
3710	John W. Eshelman & Sons, Lancaster, Pa.	Eshelman Conestoga	New Haven: Moran-Paton Co.	9.70	11.13	9.00	6.33	10.00	3.83	3.00
2022	John W. Eshelman & Sons, Lancaster, Pa.	Eshelman's Garden Spot	So. Norwalk: Roodner Feed Co.	5.65	9.56	7.00	9.53	10.00	3.30	2.00
3509	John W. Eshelman & Sons, Lancaster, Pa.	Eshelman Lancaster 60	Bethel: Morrison & Dunham	14.03	9.94	9.00	9.80	11.00	2.83	2.50
3631	John W. Eshelman & Sons, Lancaster, Pa.	Eshelman Liberty	Southport: C. Buckingham & Co.	8.20	9.00	7.00	11.95	10.00	2.00	2.00
3701	John W. Eshelman & Sons, Lancaster, Pa.	Eshelman Red Rose Alfalfa Meal	Thompsonville: Geo. S. Phelps & Co.	8.55	13.94	13.00	29.20	33.00	1.88	1.50
3471	John W. Eshelman & Sons, Lancaster, Pa.	Eshelman Red Rose 85	Wallingford: A. E. Hall	11.60	11.13	9.00	6.28	10.00	4.10	3.00
3744	John W. Eshelman & Sons, Lancaster, Pa.	Eshelman Red Rose Pure Ground Corn and Oats	Danielson: Kennedy Corp.	9.93	10.63	10.00	5.80	9.00	4.03	4.00
3792	John W. Eshelman & Sons, Lancaster, Pa.	Steam Cooked	Westerly: C. W. Campbell Co.	8.90	10.88	9.00	4.15	6.00	3.65	4.00
2194	Flory Milling Co., Inc., Bangor, Pa.	Ground Corn and Oats	Sandy Hook: Consumers Food Stores, Inc.	10.80	10.25	8.00	8.35	15.00	4.95	3.00

TABLE I. ANALYSES OF COMMERCIAL FEEDS, INSPECTION OF 1933—Continued

Station No.	Manufacturer and brand	Retail dealer	Pounds per hundred								
			Water		Protein (N x 6.25)		Fiber		Fat		
			Found	Guaranteed, not less than	Found	Guaranteed, not less than	Found	Guaranteed, not more than	Found	Guaranteed, not less than	
<i>Proprietary Mixed Feeds—Continued</i>											
<i>Horse feeds—Continued</i>											
2150	J. A. Forrest, Minneapolis, Minn.	Willimantic: Willimantic Grain Co.	13.58	10.13	14.00	3.28	3.90	3.98	5.00		
3686	Alpine Ground Feeding Oatmeal	12.15	11.38	9.50	5.55	11.00	3.80	3.50	2.50		
4151	D. H. Grandin Milling Co., Jamestown, N. Y. Grandin's Sweetened Manchester: O. E. Bailey	10.58	11.88	9.00	5.45	10.00	3.60	4.00	2.50		
3006	H. P. Kysor Feed & Grain Co., New Haven, Conn. Kysor's A-1	12.45	12.00	10.00	5.17	8.00	5.36	4.00	2.00		
3480	Maritime Milling Co., Inc., Buffalo, N. Y. Bull Brand	13.38	10.50	8.00	5.88	10.00	3.15	2.00	2.00		
3482	Meech & Stoddard, Inc., Middletown, Conn. Red Wing Molasses	12.80	10.00	9.00	6.50	10.00	2.85	5.00	3.00		
3675	Geo. Q. Moon & Co., Inc., Binghamton, N. Y. Moon's with Molasses Higgaman: Felix Petrofsky	11.83	9.38	9.00	8.05	10.00	3.33	3.00	2.00		
3557	Geo. Q. Moon & Co., Inc., Binghamton, N. Y. Old Times	11.03	10.25	8.50	9.00	9.00	5.45	4.50	2.00		
3662	Fred C. Morse & Son, Guilford, Conn. Old Mill	12.55	12.25	12.00	5.28	8.00	4.25	4.00	2.00		
2096	Fred C. Morse & Son, Guilford, Conn. Old Mill Provender	11.65	10.44	10.00	6.05	6.00	5.13	3.25	2.00		

2162	Ontario Milling Co., Inc., Oswego, N. Y.	Cinto, with Molasses	Middletown: P. Levson & Son	13.00	11.31	10.00	6.45	10.00	3.60	3.20	
2088	S. V. Osborn Est., Branford, Conn.	Branford: S. V. Osborn Est.	11.05	10.81	10.00	5.58	8.00	4.33	4.00		
1923	Park & Pollard Co., Buffalo, N. Y.	Plainville: State Farmers Co-op. Assoc.	11.98	10.81	10.00	6.03	8.00	4.05	3.00		
3184	Corn and Oats 1/2 and 1/2	Bloomfield: Bloomfield Farmers' Exchange	14.20	11.44	10.00	6.80	9.00	4.30	3.50		
3616	Park & Pollard Co., Buffalo, N. Y.	Stratford: Farmers' Flour & Grain Co.	7.68	12.50	13.00	32.95	33.00	1.33	1.50		
3109	Pecos Valley Alfalfa Mill Co., Hagerman, New Mexico.	Pecos Valley Alfalfa Mill Co., Hagerman, New Mexico. Peevée Alfalfa Leaf Meal	10.78	20.13	20.00	15.04	18.00	2.50	2.50		
1986	Pratt Food Co., Buffalo, N. Y.	Bristol: Bristol Supply Co.	12.60	8.25	7.50	7.93	10.00	3.53	2.00		
3050	Pratt's Utility	Seymour: Seymour Grain & Coal Co.	7.38	14.38	13.00	15.56	18.00	4.95	4.50		
3700	The Quaker Oats Co., Chicago, Ill.	Chicago, Ill.: Thompsonville: Geo. S. Phelps & Co.	11.13	11.88	10.00	9.38	12.00	3.00	2.50		
3209	Banner Feed	Chicago, Ill.: Thompsonville: Geo. S. Phelps & Co.	8.83	5.50	5.00	24.18	27.50	1.48	1.25		
3464	The Quaker Oats Co., Chicago, Ill.	Chicago, Ill.: Seymour: Seymour Grain & Coal Co.	7.43	4.88	5.00	28.95	30.00	1.70	2.00		
3717	Vin Feed	St. Louis, Mo.: Portland: Valley Mills	9.70	11.63	10.00	7.03	10.00	5.28	4.00		
3647	Ralston Purina Co., St. Louis, Mo.	St. Louis, Mo.: Protexia Sweet Roughage Feed (Buffalo Mills)	New Canaan: Clapboard Hill Co.	12.08	8.75	6.00	19.08	30.00	1.30	1.00	
3648	Corn & Oat Provender	St. Louis, Mo.: Ralston Purina Co., St. Louis, Mo.	Purina Bulky Las Chow (Buffalo Mills)	New Canaan: Clapboard Hill Co.	11.68	13.38	9.00	11.85	15.00	2.63	1.30
3719	Ralston Purina Co., St. Louis, Mo.	Purina Bulky Omolene Chow	Purina Bulky Omolene Chow	Portland: Valley Mills	11.63	11.50	10.00	7.98	11.00	4.05	3.20
2082	Purina Checkerboard Rolled Oats (Steam-Cooked)	Stamford: Clapboard Hill Co.	8.90	15.00	15.00	1.45	2.00	5.85	5.00		

TABLE I. ANALYSES OF COMMERCIAL FEEDS, INSPECTION OF 1933—Continued

Station No.	Manufacturer and brand	Retail dealer	Pounds per hundred							
			Water		Protein (N x 6.25)		Fiber			
			Found	Guaranteed, not less than	Found	Guaranteed, not more than	Found	Guaranteed, not less than		
Proprietary Mixed Feeds—Continued										
Horse feeds—Concluded										
3683	Ralston Purina Co., St. Louis, Mo.	Manchester: Manchester Grain Co.	11.23	11.75	10.00	6.65	9.00	4.03		
3463	Purina Omolene Chow	Seymour: Seymour Grain & Coal Co.	12.50	10.88	10.00	8.70	7.00	4.13		
3106	Seymour Grain & Coal Co., Seymour, Conn.	St. Albans: Seymour Grain Co., St. Albans, Vt.	12.15	10.63	9.00	12.01	19.00	2.30		
3107	Miracle Molasses	Wirthmore: H. Grulich	12.58	10.06	9.80	6.76	9.00	4.00		
3580	St. Albans: St. Albans, Vt.	Meriden: H. Grulich	11.08	9.94	9.00	6.60	12.00	2.83		
2025	Wirthmore: Wirthmore, Vt.	Middlefield: Terrill & Burnham	11.53	9.69	8.00	8.50	12.00	2.93		
3987	D. A. Stickett & Sons, Inc., Hagers-town, Md.	Syracuse: Ferris-Devine Co.	9.83	11.25	9.20	7.05	8.00	4.23		
3508	Super Horse & Calf Feed	So. Norwalk: Ferris-Devine Co.	16.19	12.13	10.00	6.18	10.00	2.24		
4158	Tioga-Empire Feed Mills, Inc., Waverly, N. Y.	Hawleyville: W. A. Honan	11.55	11.50	10.00	4.60	10.00	4.00		
	Neverfail	Bethel: Morrison & Dunham								
	Neverfail	Bethel: Morrison & Dunham								

3054	Jacob Trinley & Sons, Linfield, Pa.	Bridgport: Conn. Feed Co.	14.68	10.00	9.00	7.08	11.00	3.40	3.00	
3115	Supreme 85% Wayne County Grangers Feed Corp., Clyde, N. Y.	Plainville: W. S. Eaton	12.75	11.88	10.00	4.59	9.00	3.30	3.00	
3562	"Universal" West-Nesbitt, Inc., Oneonta, N. Y.	Winsted: Chas. R. Hawley	12.95	12.25	9.00	9.78	10.00	2.83	3.00	
3672	Pure Feed Ration Yantic Grain & Products Co., Norwich, Conn.	East Haddam: East Haddam Grain Co.	10.20	11.69	10.00	16.88	16.00	1.90	1.50	
3091	Almo Yantic Grain & Products Co., Norwich, Conn.	Middlefield: Middlefield Center Feed Co.	13.55	10.25	9.00	6.84	8.00	3.30	3.00	
3734	Big Y Yantic Grain & Products Co., Norwich, Conn.	Abington: Weeks Bros.	8.85	6.13	5.00	24.00	27.50	1.80	1.25	
	<i>Dairy feeds</i>									
3518	Allied Mills, Inc., Chicago, Ill. Amco 20% Dairy Ration	Danbury: C. S. Barnum & Son	10.05	20.56	20.00	7.65	9.00	4.03	3.50	
3519	Allied Mills, Inc., Chicago, Ill. Amco 24% Dairy Ration	Danbury: C. S. Barnum & Son	10.30	25.38	24.00	7.25	9.00	3.73	3.50	
4131	Allied Mills, Inc., Chicago, Ill. Amco 32% Supplement Dairy Ration	Plainville: Sunshine Feed Store	8.75	32.50	32.00	6.03	9.00	4.55	4.00	
3457	Allied Mills, Inc., Chicago, Ill. Empire 20% Dairy Ration	Ansonia: A. Hodos & Son	11.20	20.00	20.00	8.80	12.00	2.23	3.00	
3898	Arcady Farms Milling Co., Chicago, Ill.	Advanced Registry Dairy Feed New Britain: S. P. Strole	8.70	27.75	25.00	8.08	10.00	4.33	4.00	
2243	Arcady Farms Milling Co., Chicago, Ill.	Arcady Open Formula Production Ration	Meriden: Raymond Ives	11.80	21.56	20.00	5.83	9.00	2.68	3.50
3758	Arcady Farms Milling Co., Chicago, Ill.	24% Open Formula Production Ration	Lebanon: Berkman Grain Co.	10.08	25.75	24.00	6.53	9.00	4.10	4.00
3485	Arcady Farms Milling Co., Chicago, Ill.	Milkers Ready Ration	Meriden: Reliable Feed Store	10.58	21.75	22.00	9.85	12.00	4.00	4.00
3249	E. W. Bailey & Co., Montpelier, Vt.	Our 20% Special Dairy Ration	Jewett City: Jewett City Grain Co.	11.10	20.13	20.00	7.40	9.00	3.55	3.50

TABLE I. ANALYSES OF COMMERCIAL FEEDS, INSPECTION OF 1933—Continued

Station No.	Manufacturer and brand	Retail dealer	Pounds per hundred											
			Water		Guaranteed, not less than	Guaranteed, not more than	Pound	Fat						
			Pound	Protein (N x 6.25)										
<i>Proprietary Mixed Feeds—Continued</i>														
<i>Dairy feeds—Continued</i>														
3757	E. W. Bailey & Co., Montpelier, Vt. Sweetened Bailey's 16% Dairy Ra- tion	Lebanon: Berkman Grain Co.	9.53	17.38	16.00	6.25	9.00	5.53						
3756	E. W. Bailey & Co., Montpelier, Vt. Sweetened Favorite Dairy Ration	Lebanon: Berkman Grain Co.	10.25	21.50	20.00	6.45	7.50	4.50						
3749	E. W. Bailey & Co., Montpelier, Vt. Sweetened Capital Dairy Ration	Jewett City: Jewett City Grain Co.	11.15	25.19	24.00	6.43	9.00	4.08						
3516	Beacon Milling Co., Inc., Cayuga, N. Y. Auburn Dairy Feed	Danbury: C. S. Barnum & Son	10.78	21.56	20.00	8.05	10.00	4.80						
3544	Beacon Milling Co., Inc., Cayuga, N. Y. Beacon Dairy Ration	New Milford: W. L. Richmond & Son	11.50	24.63	24.00	8.38	9.00	4.90						
3650	Beacon Milling Co., Inc., Cayuga, N. Y. Beacon 20	Danbury: C. S. Barnum & Son	9.53	20.88	20.00	7.43	9.00	4.94						
3622	Beacon Milling Co., Inc., Cayuga, N. Y. Peacon Sweet '20'	Bridgeport: H. C. Ferris	11.78	21.44	20.00	7.08	9.00	4.28						
3515	Beacon Milling Co., Inc., Cayuga, N. Y. Beacon Sweet '24'	Danbury: C. S. Barnum & Son	10.98	25.69	24.00	8.00	9.00	4.45						
4147	Black Rock Milling Corp., Buffalo, N. Y. Bidwell 20% Dairy Ration	Putnam: Bosworth Bros.	10.33	21.88	20.00	7.58	11.00	3.53						
3607	Black Rock Milling Corp., Buffalo, N. Y. Bidwell 24% Dairy Ration	Waterbury: Spencey Grain Co.	10.38	23.25	24.00	6.85	11.00	3.53						

3597	Black Rock Milling Corp., Buffalo, N. Y. Paramount 20% Dairy Ration	Woodbury: C. L. Adams Co.	9.95	21.38	20.00	9.45	10.00	4.04	4.00
2311	Amos D. Bridge's Sons, Hazardville, Conn. Success Dairy Ration	Hazardville: Amos D. Bridge's Sons..	9.33	22.63	20.00	8.78	9.50	4.58	4.20
2129	L. Broder Grain Store, Colchester, Conn. L. B. Milk Ration	Colchester: L. Broder Grain Store	9.23	21.25	20.00	6.80	8.50	4.95	5.00
2005	C. Buckingham & Co., Southport, Conn. C. B.	Southport: C. Buckingham & Co.	9.38	24.88	22.81	8.70	9.40	5.35	4.61
3848	C. Buckingham & Co., Southport, Conn. C. B. 20%	Southport: C. Buckingham & Co.	9.75	20.88	20.00	7.40	10.00	4.28	4.00
3769	C. W. Campbell Co., Westerly, R. I. Milky Ration	Westerly: C. W. Campbell Co.	9.75	21.00	20.00	8.40	8.00	4.13	4.50
3770	C. W. Campbell Co., Westerly, R. I. No Botheration	Westerly: C. W. Campbell Co.	9.53	20.94	20.00	7.15	8.00	4.75	4.00
3103	The Coles Co., Middletown, Conn. Capital 20% Molasses Dairy Feed..	Middletown: The Coles Co.	11.63	21.50	20.00	10.68	11.00	4.28	4.00
3102	The Coles Co., Middletown, Conn. Selco 24% Molasses Dairy Feed ..	Middletown: The Coles Co.	11.73	24.38	24.00	8.78	10.00	4.15	4.50
2193	Consumers Food Stores, Inc., Bridge- port, Conn. Gold Bond 16% Dairy Feed	Sandy Hook: Consumers Food Stores, Inc.	10.00	17.19	16.00	10.08	12.00	3.75	3.50
3652	Consumers Food Stores, Inc., Bridge- port, Conn. Gold Bond 20% Dairy Feed	Sandy Hook: Consumers Food Stores, Inc.	11.03	21.88	20.00	7.90	9.00	3.64	5.00
2205	Consumers Food Stores, Inc., Bridge- port, Conn. Gold Bond 24% Dairy Feed	Bethel: Consumers Food Stores, Inc.	10.43	25.00	24.00	9.10	11.00	4.55	4.50
3224	E. A. Cowee Co., Fitchburg, Mass. Coweco 20% Ration	Quinebaug: M. T. Dartt	10.55	21.25	20.00	6.75	10.00	4.15	4.00
3119	C. A. Cowles, Plantsville, Conn. Cowles 20% Dairy Ration	Plantsville: C. A. Cowles	10.03	22.50	20.00	8.62	10.00	5.13	5.00
3486	C. A. Cowles, Plantsville, Conn. Cowles 24% Dairy Ration	Plantsville: C. A. Cowles	11.08	23.38	24.00	6.70	10.00	4.95	5.00
3089	P. Cutler, Inc., Colchester, Conn. Prosperity Dairy Ration	Colchester: P. Cutler, Inc.	10.85	25.00	24.00	6.63	12.00	4.48	4.00

TABLE I. ANALYSES OF COMMERCIAL FEEDS, INSPECTION OF 1933—Continued

Manufacturer and brand State and No.	Retail dealer	Pounds per hundred						Guaranteed, not less than Found	Guaranteed, not more than Found	Fat Found	Fat Guaranteed, not less than Found	Guaranteed, not less than Found					
		Protein (N x 6.25)		Fiber		Fat											
		Water	Guaranteed, not less than Found	Water	Guaranteed, not more than Found	Fiber	Fat										
Proprietary Mixed Feeds—Continued Dairy feeds—Continued								%	%	%	%	%					
P. Cutler, Inc., Colchester, Conn.	Colchester: P. Cutler, Inc.	9.15	24.88	24.00	8.55	12.00	4.25	4.00									
P. Cutler, Inc., Colchester, Conn.	Prosperity Economy Dairy Ration	10.58	21.63	20.00	9.13	12.00	4.15	4.00									
P. Cutler, Inc., Colchester, Conn.	Prosperity Special Dairy Feed	11.70	22.63	20.00	6.82	9.00	4.10	4.50									
R. G. Davis & Sons, Inc., New Haven, Conn.	Basic Dairy Ration	10.85	22.38	20.00	6.98	9.00	4.50	4.50									
R. G. Davis & Sons, Inc., New Haven, Conn.	Basic Dairy Ration	11.33	19.88	20.00	6.55	8.00	3.80	4.00									
R. G. Davis & Sons, Inc., New Haven, Conn.	20% Open Formula	9.40	23.50	23.00	8.15	10.00	6.18	5.00									
Delaware Mills, Inc., Deposit, N. Y.	Delaware Dairy Feed	11.33	19.13	24.00	6.96	10.00	4.23	4.50									
Delaware Mills, Inc., Deposit, N. Y.	Delaware Sweet 24% Dairy Feed	11.13	24.25	24.00	7.65	10.00	4.20	4.50									
Delaware Mills, Inc., Deposit, N. Y.	Delaware Sweet 24% Dairy Feed	11.00	19.13	20.00	9.90	10.00	5.00	4.50									
Delaware Mills, Inc., Deposit, N. Y.	Delco Sweet 20% Dairy Feed	12.08	21.69	20.00	8.25	10.00	3.73	4.50									

3740	Dietrich & Cambrill, Inc., Frederick, Md. D & G Dairy Feed	Danielson: Young Bros. Co.	10.85	20.75	20.00	10.23	12.00	3.90	4.00
3668	Eastern States Farmers' Exchange, Springfield, Mass. Eastern States Fujiail Dairy Ration	Clinton: A. L. Lockwood	10.90	21.88	20.00	6.60	8.00	4.40	4.50
2109	Eastern States Farmers' Exchange, Springfield, Mass. Eastern States Highland 20	Norwich: A. E. Shedd	10.90	22.06	20.00	8.23	12.00	5.38	4.00
4149	Eastern States Farmers' Exchange, Springfield, Mass. Eastern States Milkmore Dairy Ration	Norwich: A. E. Shedd	10.05	26.25	24.00	6.80	8.00	4.58	4.50
3132	Eastern States Farmers' Exchange, Springfield, Mass. Eastern States Sixteen Dairy Ration	New Milford: Paul Caldwell	11.13	19.06	16.00	6.78	8.00	4.85	4.00
4138	Elmore Milling Co., Inc., Oneonta, N. Y. Elmore Waldorf Formula ..	Hazardville: A. D. Bridge's Sons	8.35	23.50	20.00	8.55	9.00	3.98	4.00
3152	John W. Eshelman & Sons, Lancaster, Pa. Certified 20% Dairy Ration ..	Simsbury: H. B. Bunnell & Co.	10.15	22.06	20.00	7.43	8.00	4.80	4.00
3986	John W. Eshelman & Sons, Lancaster, Pa. Eshelman Certified 24% Dairy Feed	Cos Cob: A. R. Belmont	9.08	25.94	24.00	7.20	8.00	4.63	4.50
3743	John W. Eshelman & Sons, Lancaster, Pa. Eshelman Challenge Dairy Feed ..	Danielson: The Kennedy Corp.	9.93	23.50	24.00	8.83	11.00	4.28	4.00
3470	John W. Eshelman & Sons, Lancaster, Pa. Eshelman Conestoga 20 Dairy Feed	Wallingford: A. E. Hall	9.83	23.00	20.00	7.30	11.00	4.55	4.00
3985	John W. Eshelman & Sons, Lancaster, Pa. Eshelman Lancaster 20 Dairy Feed	Cos Cob: A. R. Belmont	9.95	22.56	20.00	8.65	11.00	4.23	4.00
3707	John W. Eshelman & Sons, Lancaster, Pa. Eshelman Open Formula 20 Dairy Feed	New Haven: Moran-Paton Co.	10.10	22.13	20.00	8.23	9.00	4.25	4.00
3630	John W. Eshelman & Sons, Lancaster, Pa. Eshelman Penny 16 Dairy Feed ..	Southport: C. Buckingham & Co.	11.20	18.63	16.00	8.73	11.00	3.65	3.00
3469	John W. Eshelman & Sons, Lancaster, Pa. Eshelman Red Rose 24 Dairy Feed	Wallingford: A. E. Hall	10.05	25.00	24.00	7.65	11.00	4.18	4.00

TABLE I. ANALYSES OF COMMERCIAL FEEDS, INSPECTION OF 1933—Continued

Station No.	Manufacturer and brand	Retail dealer	Pounds per hundred							
			Water		Protein (N x 6.25)		Fiber			
			Found	Guaranteed not less than	Found	Guaranteed not less than	Found	Guaranteed not less than		
<i>Proprietary Mixed Feeds—Continued</i>										
<i>Dairy feeds—Continued</i>										
4136	Flory Milling Co., Inc., Bangor, Pa.	Ansonia: Farmers Feed & Grain Co.	9.38	21.13	20.00	7.95	9.00	3.90		
2085	Sunray Dairy Feed	East Haven: A. W. Forbes	8.95	21.88	20.00	10.80	12.00	3.95		
4146	A. W. Forbes, East Haven, Conn.	No. Grosvenordale: Thompson Grain Co.	10.83	21.38	20.00	7.00	9.00	4.35		
3231	R-Owne Dairy Ration	No. Grosvenordale: Thompson Grain Co.	11.50	21.13	20.00	9.20	10.00	3.83		
4152	J. B. Garland & Son, Worcester, Mass.	Ration with Cane Molasses	9.13	26.00	24.00	8.20	10.00	6.02		
3689	D. H. Grandin Milling Co., Jamestown, N. Y.	Grandin's 24% Balanced Dairy Ration	10.88	21.56	20.00	6.43	10.00	4.38		
3688	D. H. Grandin Milling Co., Jamestown, N. Y.	20% Sweet Dairy Feed	10.23	21.56	20.00	9.48	12.00	4.10		
3716	D. H. Grandin Milling Co., Jamestown, N. Y.	M-S (Money Saver)	10.00	26.63	20.00	7.73	8.00	4.65		
	Hales & Hunter Co., Chicago, Ill.	Manchester: O. E. Bailey								
	Red Horn 20% Dairy Feed	Mt. Carmel: Mt. Carmel Grain Store								

2136	J. B. Ham Co., Auburn, Me. Farmer Boy 18% Dairy Ration with Molasses	Stafford Springs	Stafford Farmers' Co-op. Assoc.	10.30	20.50	18.00	11.55	12.00	3.15	4.00
2142	J. B. Ham Co., Auburn, Me. Farmer Boy 20% Dairy Ration with Molasses	Stafford Springs	Stafford Farmers' Co-op. Assoc.	11.48	20.00	6.78	8.00	4.75	4.50	
3725	J. B. Ham Co., Auburn, Me. Farmer Boy 24% Dairy Ration with Molasses	Stafford Springs	Stafford Farmers' Co-op. Assoc.	11.45	25.19	24.00	6.93	8.00	4.28	4.50
3007	H. P. Kyser Feed & Grain Co., New Haven, Conn. Kyser's A-1 20% Dairy Ration	Plainville	State Farmers' Co-op. Assoc.	10.82	23.00	20.00	7.20	8.50	3.73	3.50
2258	A. S. Labieniec, Kensington, Conn. Reliable 20% Dairy Feed	Kensington	A. S. Labieniec	9.95	20.75	20.00	7.88	9.00	5.00	4.00
2259	A. S. Labieniec, Kensington, Conn. Reliable 24% Dairy Feed	Kensington	A. S. Labieniec	9.68	25.00	24.00	7.33	9.00	4.90	4.50
3477	Laden Bros. Co., Inc., Wallingford, Conn. Laden's Dairy Feed	Wallingford	Laden Bros. Co., Inc.	13.55	18.13	20.00	9.80	9.00	3.68	4.50
3127	Larroe Milling Co., Detroit, Mich. Larroe The Ready Ration for Dairy Cows	Plantsville	C. A. Cowles	11.18	21.00	20.00	9.05	12.00	4.23	4.00
3633	Libner Grain Co., Inc., Norwalk, Conn. 20% Libner's Blue Ribbon Dairy Ration	Norwalk	Libner Grain Co., Inc.	10.88	20.88	20.00	6.93	9.00	4.13	4.00
3634	Libner Grain Co., Inc., Norwalk, Conn. 24% Libner's Blue Ribbon Dairy Ration	Norwalk	Libner Grain Co., Inc.	10.68	24.94	24.00	6.78	9.00	4.45	4.50
3113	C. W. Lines Co., New Britain, Conn. Mill Pride Dairy Ration	New Britain	C. W. Lines Co.	10.45	24.63	24.00	8.02	10.00	4.53	5.00
2279	Litchfield County Co-op. Assoc., Torrington, Conn. Common Sense Torrington, Conn. Dairy Ration	Litchfield County Co-op. Assoc.	Litchfield County Co-op. Assoc.	9.85	20.69	20.00	7.23	9.00	4.53	4.50
1912	Long Hill Feed Store, Long Hill, Conn. Square Deal Dairy Ration	Long Hill	Long Hill Feed Store	8.90	19.75	20.00	9.24	10.00	4.30	5.00
3564	E. Manchester & Sons, Winsted, Conn. Red Star Special Dairy Feed	Winsted	E. Manchester & Sons	10.68	21.00	20.00	7.20	10.00	4.65	4.00

TABLE I. ANALYSES OF COMMERCIAL FEEDS, INSPECTION OF 1933—Continued

Station No.	Manufacturer and brand	Retail dealer	Pounds per hundred							
			Protein (N x 6.25)		Fiber		Fat			
			Pound	Guaranteed not less than	Pound	Guaranteed not more than	Pound	Guaranteed not less than		
Proprietary Mixed Feeds—Continued										
Dairy feeds—Continued										
3563	E. Manchester & Sons, Winsted, Conn.	Sweet Sixteen Red Star Dairy Feed	16	18.63	16.00	7.35	10.00	4.90		
3705	Maritime Milling Co., Inc., Buffalo, N. Y.	B-B Marmico 16% Protein	16	18.31	16.00	10.78	12.00	4.38		
3704	Maritime Milling Co., Inc., Buffalo, N. Y.	Bull Brand "24" Dairy Ration, Sweetened	24	10.73	9.78	25.13	24.00	9.30		
3799	Maritime Milling Co., Inc., Buffalo, N. Y.	Sweetened Bull Brand "20" Dairy Ration	20	10.08	10.08	20.81	20.00	7.23		
3481	Maritime Milling Co., Inc., Buffalo, N. Y.	Sweetened Dollar Maker 20% Protein	20	10.75	21.63	20.00	10.33	12.00		
3523	Maritime Milling Co., Inc., Buffalo, N. Y.	Sweetened Dollar Maker 24% Protein	24	10.30	24.00	24.00	10.03	12.00		
2239	Meech & Stoddard, Inc., Middletown, Conn.	Red Wing 20% Dairy Ration	20	10.13	21.75	20.00	7.35	12.00		

2240	Meech & Stoddard, Inc., Middletown, Conn. Red Wing Special 24%	Meriden: Meriden Grain & Coal Co.	8.93	24.50	24.00	7.70	12.00	6.03	5.00
3677	Dairy Ration	Middletown: P. Levenson & Son	10.18	20.31	20.00	10.90	11.00	3.80	4.50
	Geo. Q. Moon & Co., Inc., Binghamton, N. Y. Moon's 20% Dairy Feed	Middletown: S. Z. Ingersoll	9.40	25.25	24.00	6.60	10.00	4.85	5.00
3068	Geo. Q. Moon & Co., Inc., Binghamton, N. Y. Moon's 24% Dairy Feed	Stratford: P. Levenson & Son	10.58	21.88	20.00	7.05	10.00	4.13	4.00
3678	Geo. Q. Moon & Co., Inc., Binghamton, N. Y. Special A Dairy 20% Ration	Middletown: P. Levenson & Son	10.73	22.63	20.00	7.83	9.00	4.50	4.50
3661	Fred C. Morse & Son, Guilford, Conn. Old Mill 20% Dairy Feed	Guilford: Fred C. Morse & Son	10.48	25.00	24.00	7.13	9.00	4.65	4.75
3664	Fred C. Morse & Son, Guilford, Conn. Old Mill 24% Dairy Feed	Guilford: Fred C. Morse & Son	11.18	21.88	20.00	6.85	10.00	4.43	4.50
2161	Ontario Milling Co., Inc., Oswego, N. Y. Big Value 20% Dairy Feed with Molasses	Middletown: P. Levenson & Son	11.18	20.44	20.00	7.10	12.00	3.58	4.00
3553	Ontario Milling Co., Inc., Oswego, N. Y. Oswego 20% Dairy Feed with Molasses	Sharon: Frank A. Wike & Co.	10.53	21.94	24.00	6.68	12.00	4.43	4.00
2163	Ontario Milling Co., Inc., Oswego, N. Y. Oswego 24% Dairy Feed with Molasses	Middletown: P. Levenson & Son	10.75	18.75	20.00	7.40	9.00	3.60	4.00
3753	Park & Pollard Co., Buffalo, N. Y. Bet-R-Milk 20% Dairy Ration	Norwich: A. E. Shedd	10.75	21.75	20.00	6.78	9.00	4.40	4.50
3501	Park & Pollard Co., Buffalo, N. Y. Claco Dairy Ration	West Cheshire: Cheshire Grain & Coal Co.	11.83	22.13	20.00	5.80	9.00	3.48	3.50
3588	Park & Pollard Co., Buffalo, N. Y. Fawthrop's Special 20% Dairy Ration	Cromwell: Walter Fawthrop	10.53	21.44	20.00	7.75	9.00	4.23	4.00
2202	Park & Pollard Co., Buffalo, N. Y. Holcomb's Sweetened 20% Dairy Ration	Newtown: R. H. Holcomb & Co.	11.38	21.88	24.00	7.55	11.00	3.90	4.50
3567	Park & Pollard Co., Buffalo, N. Y. Milk Maid 24% Sweetened Dairy Ration	East Winsted: Leonard Grain Co.							

TABLE I. ANALYSES OF COMMERCIAL FEEDS, INSPECTION OF 1933—Continued

Station No.	Manufacturer and brand	Retail dealer	Pounds per hundred									
			Water		Guaranteed, not less than (N x 6.25)	Fiber	Fat					
			Water	Guaranteed, not less than (N x 6.25)		Fiber	Guaranteed, not less than not more than Pound	Guaranteed, not less than not more than Pound				
<i>Proprietary Mixed Feeds—Continued</i>												
<i>Dairy feeds—Continued</i>												
3568	Park & Pollard Co., Buffalo, N. Y.	East Winsted: Leonard Grain Co.	10.25	24.19	24.00	7.60	9.00	4.55				
3754	Overall 24% Dairy Ration	9.55	17.31	16.00	9.65	12.00	3.73	3.50				
1977	Park & Pollard Co., Buffalo, N. Y.	Plainville: A. E. Shedd State Farmers' Co-op. Assoc.	11.05	20.25	20.00	6.27	9.00	3.10				
4133	H. C. Puffer Co., Springfield, Mass.	Simsbury: H. B. Bunnell & Co.	9.85	22.63	20.00	6.70	8.50	4.40				
3153	H. C. Puffer Co., Springfield, Mass.	Simsbury: H. B. Bunnell & Co.	9.90	27.50	24.00	7.30	8.50	4.60				
4154	24% Producer Dairy Feed	Quaker 16% Protein Dairy Ration Manufacturer's sample	6.65	16.63	16.00	12.73	13.50	3.70				
4153	The Quaker Oats Co., Chicago, Ill.	Quaker 20% Protein Dairy Ration Manufacturer's sample	6.95	21.25	20.00	11.50	12.00	3.98				
4155	Quaker 24% Protein Dairy Ration Raiston Purina Co., St. Louis, Mo.	Quaker 20% Protein Dairy Ration Manufacturer's sample	6.60	25.94	24.00	11.50	12.00	4.38				
3387	Protena 16% Dairy Feed	New Milford: W. L. Richmon & Son	12.50	21.25	16.00	7.34	14.00	5.03				
3604	Ralston Purina Co., St. Louis, Mo.	Waterbury: Waterbury Feed Store ...	12.35	21.88	20.00	6.80	14.00	4.03				
	Protena 20% Dairy Feed							3.00				

3845	Ralston Purina Co., St. Louis, Mo. Protena 24% Dairy Feed (Buffalo Mill)	Stratford: Farmers' Flour & Grain Co.	9.33	24.63	24.00	10.10	14.00	4.15	3.00
3468	Ralston Purina Co., St. Louis, Mo. Purina 20% Cow Chow	Wallingford: A. E. Hall	10.90	22.25	20.00	9.85	12.00	3.93	3.00
3603	Ralston Purina Co., St. Louis, Mo. Purina 24% Cow Chow	Waterbury: Waterbury Feed Store	11.45	25.19	24.00	9.85	12.00	4.38	3.00
2189	Seymour Grain & Coal Co., Seymour, Conn. 18% Dairy Ration	Seymour: Seymour Grain & Coal Co.	9.83	19.69	18.00	9.78	10.00	3.88	4.00
3063	Seymour Grain & Coal Co., Seymour, Conn. 18% Dairy Ration	Seymour: Seymour Grain & Coal Co.	10.10	19.81	18.00	10.69	10.00	4.08	4.00
3051	Seymour Grain & Coal Co., Seymour, Conn. Miracle Cow Feed	Seymour: Seymour Grain & Coal Co.	10.20	21.25	20.00	7.76	9.00	4.93	4.25
3402	Seymour Grain & Coal Co., Seymour, Conn. See-More Milk Dairy Feed	Seymour: Seymour Grain & Coal Co.	11.10	21.00	20.00	6.90	8.50	5.00	4.50
2157	Ike Sovitsky, Ansonia, Conn. Ansonia 20% Sweetened Dairy Feed	Ansonia: Ike Sovitsky	8.85	20.75	20.00	9.25	11.00	4.50	4.50
3593	Ike Sovitsky, Ansonia, Conn. Conn. State Open Formula Dairy Ration	Ansonia: Ike Sovitsky	11.05	21.19	20.00	9.00	9.00	4.30	4.50
3555	St. Albans Grain Co., St. Albans, Vt. Hygrade 16 Sweetened Milk Ration	Community Service Stores	12.43	17.00	16.00	6.70	8.50	4.00	3.50
3104	St. Albans Grain Co., St. Albans, Vt. Hygrade 20% Sweetened Milk Ration	Meriden: H. Grulich	11.80	18.63	20.00	5.83	8.50	3.98	3.50
3402	St. Albans Grain Co., St. Albans, Vt. Hygrade 20% Sweetened Milk Ration	Meriden: H. Grulich	12.78	20.88	20.00	6.11	8.50	4.18	3.50
3545	St. Albans Grain Co., St. Albans, Vt. Hygrade 24 Sweetened Milk Ration	Kent: H. H. Taylor & Son	11.65	27.25	24.00	6.65	9.00	4.05	3.50
3894	St. Albans Grain Co., St. Albans, Vt. Paragon Dairy Feed	Stepney: M. Nusbaum	9.18	21.06	20.00	10.73	11.00	4.23	3.25
3134	St. Albans Grain Co., St. Albans, Vt. Utility Dairy Ration	New Milford: Geo. T. Soule & Co.	10.65	20.50	20.00	9.65	10.50	3.45	3.50
3556	St. Albans Grain Co., St. Albans, Vt. Wirthmore 16 Dairy Ration	Sweetened	12.68	16.00	16.00	6.15	8.00	3.95	4.00
		Canaan: Community Service Stores							

TABLE I. ANALYSES OF COMMERCIAL FEEDS, INSPECTION OF 1933—Continued

Station No.	Manufacturer and brand	Retail dealer	Pounds per hundred								
			Water		Protein (N x 6.25)		Fiber		Fat		
			Found	Guaranteed not less than	Found	Guaranteed not more than	Found	Guaranteed not less than	Found	Guaranteed not less than	
<i>Proprietary Mixed Feeds—Continued</i>											
<i>Dairy feeds—Concluded</i>											
3012	St. Albans Grain Co., St. Albans, Vt. Wirthmore 20 Dairy Feed, Sweetened	Cheshire: Center Grain Co.	10.63	20.25	20.00	6.98	8.00	4.65	4.75		
3638	St. Albans Grain Co., St. Albans, Vt. Wirthmore 25 Balanced Ration, Sweetened	Noroton Heights: Davis Grain Co.	10.73	25.13	25.00	7.95	8.50	4.65	4.75		
3037	D. A. Stickell & Sons, Inc., Hagers- town, Md. Stickell's Certified 20% Ration	Derby: Derby Feed Store	10.38	22.19	20.00	7.89	8.00	5.00	4.00		
3620	Syracuse Milling Co., Syracuse, N. Y. Onondaga Dairy Feed, Sweetened.	East Bridgeport: J. Simon	10.50	20.81	20.00	9.48	12.00	4.13	4.00		
3674	Syracuse Milling Co., Syracuse, N. Y. Syragold Dairy Feed	Higganum: Felix Petrofsky	9.33	24.69	24.00	7.70	12.00	5.09	4.50		
2024	Syracuse Milling Co., Syracuse, N. Y. Syragold Dairy Feed, Sweetened.	So. Norwalk: Ferris-Devine Co.	9.93	25.00	24.00	7.85	12.00	4.60	4.50		
3796	Syracuse Milling Co., Syracuse, N. Y. Syragold Milk Ration	Cobalt: Ed. Elkins	9.70	21.13	20.00	8.25	12.00	4.55	4.00		
3851	Syracuse Milling Co., Syracuse, N. Y. Syragold Milk Ration, Sweetened..	Saugatuck: Saugatuck Grain Co.	9.50	22.38	20.00	7.85	12.00	4.60	4.00		

3577	Thomaston Supply Co., Inc., Thomaston, Conn.	Thomaston Dairy Ration	Thomaston: Thomaston Supply Co., Inc.	11.10	21.63	20.00	8.20	9.00	4.89	5.00
3135	Tioga-Empire Feed Mills, Inc., Waverly, N. Y.	E-Gee Dairy Feed	New Milford: Geo. T. Soule & Co.	11.50	22.25	20.00	6.68	10.00	3.70	3.50
2021	Tioga-Empire Feed Mills, Inc., Waverly, N.Y.	Red Brand Ti-O-Ga Dairy Feed	So. Norwalk: Roodner Feed Co.	10.18	25.00	24.00	7.03	10.00	4.20	4.50
3645	Jacob Trinity & Sons, Linfield, Pa.	Favorite 20% Dairy Feed	Cos Cob: A. R. Belmont	10.75	21.88	20.00	9.35	10.50	3.85	4.00
1899	Jacob Trinity & Sons, Linfield, Pa.	Trinity's 24% Dairy Feed	Stratford: Farmers' Flour & Grain Co.	10.03	24.38	24.00	5.25	10.00	3.73	4.00
3642	Wayne County Grangers Feed Corp., Clyde, N.Y.	Clyde 20% Dairy Feed	Cos Cob: A. R. Belmont	11.48	21.31	20.00	8.20	8.50	4.08	4.00
3643	Wayne County Grangers Feed Corp., Clyde, N.Y.	Galen 24% Dairy	Cos Cob: A. R. Belmont	11.05	23.38	24.00	8.05	8.50	4.08	4.00
3561	West-Nesbitt, Inc., Oneonta, N.Y.	All Pure 20% Milk Ration	Winsted: Chas. R. Hawley	10.20	22.38	20.00	8.40	10.00	4.15	4.50
3560	West-Nesbitt, Inc., Oneonta, N.Y.	Pure Feed Dairy Ration	Winsted: Chas. R. Hawley	9.93	23.50	20.00	7.95	10.00	4.03	4.00
3852	West-Nesbitt, Inc., Oneonta, N.Y.	Super Pure Sweetfeed Dairy Ration	Georgetown: Connery Bros.	9.28	24.75	24.00	8.15	10.00	4.28	4.50
2170	Wolf's Feed Store, Shelton, Conn.	Wolf's 20% Dairy Ration	Shelton: Wolf's Feed Store	9.03	22.56	20.00	7.60	9.00	4.78	4.50
3610	Yantic Grain & Products Co., Norwich, Conn.	Columbia Dairy Feed	Naugatuck: Naugatuck Grain Co.	10.23	21.50	20.00	10.15	12.00	4.80	3.75
3768	Yantic Grain & Products Co., Norwich, Conn.	Big (Y) Dairy 16%.	Norwich: Yantic Grain & Products Co.	11.10	20.06	16.00	6.80	9.00	4.48	4.00
1943	Yantic Grain & Products Co., Norwich, Conn.	Big (Y) Dairy 20%.	Mt. Carmel: Hamden Grain Co.	10.13	22.06	20.00	7.20	9.00	5.65	4.75
3671	Yantic Grain & Products Co., Norwich, Conn.	Big (Y) Dairy 24%.	East Haddam: East Haddam Grain Co.	10.43	25.00	24.00	6.88	9.00	4.75	4.75
3159	Yantic Grain & Products Co., Norwich, Conn.	Big (Y) Dairy 20%.	Tariffville: Tariffville Grain Co.	11.35	22.88	20.00	7.38	9.00	4.10	4.00
3693	Yantic Grain & Products Co., Norwich, Conn.	O.F.D. Ration, 24%.	East Hartford: East Hartford Grain Store	10.75	25.19	24.00	6.70	9.00	3.90	4.00

TABLE I. ANALYSES OF COMMERCIAL FEEDS, INSPECTION OF 1933—Continued

Station No.	Manufacturer and brand	Retail dealer	Pounds per hundred					
			Water		Protein (N x 6.25)		Fiber	
			Found	Guaranteed, not less than	Found	Guaranteed, not more than	Found	Guaranteed, not less than
<i>Proprietary Mixed Feeds—Continued</i>								
3049	Allied Mills, Inc., Chicago, Ill. Amco 12% Fitting Ration	Ansonia: A. Hodos & Son	12.85	12.50	12.00	5.20	9.00	4.60
4137	Arcady Farms Milling Co., Chicago, Ill. Arcady	Ansonia: Farmers Feed & Grain Co., E. W. Bailey & Co., Montpelier, Vt.	8.45	9.50	9.00	16.40	12.00	3.10
2118	E. W. Bailey's Fitting Ration	Lebanon: Berkman Grain Co.	10.48	14.56	14.00	6.83	9.00	4.85
2117	E. W. Bailey & Co., Montpelier, Vt. Pennant Brand	Lebanon: Berkman Grain Co.	8.93	10.88	9.50	8.90	9.50	5.28
3760	E. W. Bailey & Co., Montpelier, Vt. Sweetened Bailey's Fitting Ration ..	Lebanon: Berkman Grain Co.	9.55	15.81	14.00	7.00	9.00	5.40
3731	E. W. Bailey & Co., Montpelier, Vt. Sweetened with Molasses Pennant..	Mansfield Depot: M. M. Hansen	10.40	10.38	9.50	9.03	9.50	4.33
3621	Beacon Milling Co., Inc., Cayuga, N. Y. Beacon Fitting Ration	Bridgeport: H. C. Ferris	11.50	16.19	15.00	6.30	8.00	4.03
3543	Beacon Milling Co., Inc., Cayuga, N. Y. Cayuga	New Milford: W. L. Richmond & Son	11.13	16.69	15.00	8.30	9.00	5.58
3776	C. W. Campbell Co., Westerly, R. I. Campbell Fitting Ration	Westerly: C. W. Campbell Co.	10.53	14.56	14.00	7.90	8.00	4.43
2019	Crosby Milling Co., Brattleboro, Vt. Crosby's	So. Norwalk: Goodner Feed Co.	9.68	9.56	9.00	11.55	12.00	4.00

3086	P. Cutler, Inc., Colchester, Conn.	Colchester: P. Cutler Inc.	10.65	10.63	9.00	10.68	12.00	4.83	4.00
2186	Prosperity	Ansonia: Ansonia Flour & Grain Co.	7.45	11.00	10.00	11.75	14.00	4.78	2.00
3031	R. G. Davis & Sons, Inc., New Haven, Conn. Davis	Manchester: Manchester Grain Co.	9.88	11.19	9.00	10.62	12.00	6.48	3.00
3031	Delaware Mills, Inc., Deposit, N. Y.	Norwich: A. E. Shedd	10.63	7.88	7.50	12.48	12.00	3.68	3.00
2107	Dietrich & Gambrill, Inc., Frederick, Md. Frederick	Clinton: A. L. Lockwood	13.00	12.63	12.00	5.13	7.00	4.00	3.50
2100	Eastern States Farmers' Exchange, Springfield, Mass. Eastern States Fitting Ration	Hazardville: Amos D. Bridge's Sons ..	8.65	10.31	10.00	10.25	12.00	5.60	3.00
3699	Elmore Milling Co., Inc., Oneonta, N. Y. Elmore	Ansonia: A. Hodos & Son	10.00	9.50	9.00	10.98	11.00	3.23	3.00
3456	John W. Eshelman & Sons, Lancaster, Pa. Eshelman Red Rose	Danielson: Kennedy Corp.	11.05	13.50	11.00	15.13	15.00	2.45	2.00
3745	John W. Eshelman & Sons, Lancaster, Pa. Eshelman SOS Feed	Manchester: O. E. Bailey	10.20	9.38	8.50	9.45	12.00	4.18	4.00
3687	D. H. Grandin Milling Co., Jamestown, N. Y. Grandin's	Mt. Carmel: Mt. Carmel Grain Store	10.65	12.13	10.00	5.75	12.00	4.55	2.50
3010	Hales & Hunter Co., Chicago, Ill. H & H White	J. H. Ham Co., Auburn, Maine. Farmer Boy	12.50	12.50	10.00	9.85	12.00	3.60	3.00
3212	Libner Grain Co., Inc., Norwalk, Conn. 12% Libner's Blue Ribbon Fitting Ration	Stafford Springs: Stafford Farmers' Co-op. Assoc.	12.03	14.13	12.00	6.45	10.00	4.30	4.00
2270	Maritime Milling Co., Inc., Buffalo, N. Y. B.B. Dealers Mixing Feed with Molasses	Norwalk: Libner Grain Co., Inc.	12.75	10.63	10.00	9.28	12.00	3.58	3.50
3586	Meech & Stoddard, Inc., Middletown, Conn. Red Wing Special	Middletown: Meech & Stoddard, Inc.	11.68	9.69	9.00	9.95	12.00	3.85	3.00
3673	Geo. Q. Moon & Co., Inc., Binghamton, N. Y. Moon's	Higganum: Felix Petrofsky	9.23	11.13	9.00	11.78	12.00	5.15	3.00
3663	Fred C. Morse & Son, Guilford, Conn. Old Mill Fitting Feed	Guilford: Fred C. Morse & Son	12.30	14.75	12.00	5.53	8.00	4.15	4.00

TABLE I. ANALYSES OF COMMERCIAL FEEDS, INSPECTION OF 1933—*Continued*

Station No.	Manufacturer and brand	Retail dealer	Pounds per hundred							
			Water		Protein (N x 6.25)		Fiber			
			Found	Guaranteed, not less than	Found	Guaranteed, not more than	Found	Guaranteed, not less than		
<i>Proprietary Mixed Feeds—Continued</i>										
<i>Stock feeds—Concluded</i>										
3895	Park & Pollard Co., Buffalo, N. Y.	Torrington: Torrington Grain Co.	11.30	10.69	9.00	3.48	4.00	4.30		
3735	Park & Pollard Co., Buffalo, N. Y.	Putnam: Bosworth Bros.	11.73	14.50	12.00	6.18	7.00	4.38		
3608	Park & Pollard Fitting Ration	Waterbury: Spencer Grain Co.	8.83	9.56	8.50	9.30	12.00	4.98		
3766	The Quaker Oats Co., Chicago, Ill.	Norwich: Yantic Grain & Products Co.	8.70	15.00	12.00	8.45	12.00	3.58		
3517	The Quaker Oats Co., Chicago, Ill.	Danbury: C. S. Barnum & Son	9.50	10.13	10.00	10.35	12.00	3.23		
3117	Quaker Schnurrer Feed	The Quaker Oats Co., Chicago, Ill.	10.80	8.81	10.00	10.88	12.00	3.03		
3646	Quaker Sugared Schnurrer Feed	Plainville: W. S. Eaton	11.08	17.00	16.00	9.20	12.00	3.03		
3142	Ralston Purina Co., St. Louis, Mo.	New Canaan: Clapboard Hill Co., Inc.	14.40	14.38	13.50	9.86	12.00	3.15		
3461	Ralston Purina Co., St. Louis, Mo.	Purina Fitting Chow	11.75	14.88	12.00	6.45	8.00	4.43		
2184	Seymour Grain & Coal Co., Seymour, Conn.	Seymour: Seymour Grain & Coal Co.	8.90	8.94	8.00	10.48	15.00	4.33		
3072	Miracle Fitting Ration	Ike Sovitsky	12.63	14.00	12.00	5.05	8.00	4.03		
	Ike Sovitsky, Ansonia, Conn.	Ansonia: St. Albans, Vt.								
	St. Albans Grain Co., St. Albans, Vt.	Hygrade Fitting Ration								

3071	St. Albans Grain Co., St. Albans, Vt.	New Haven: R. G. Davis & Sons, Inc.	10.95	14.63	14.00	11.66	13.00	3.13	3.00
3073	Utility Pasture Ration St. Albans Grain Co., St. Albans, Vt.	New Haven: R. G. Davis & Sons, Inc.	12.40	15.44	14.00	5.33	7.00	3.93	4.00
3546	Wirthmore 14 Fitting Ration St. Albans Grain Co., St. Albans, Vt.	Kent: H. H. Taylor & Son	11.05	10.44	9.00	8.60	9.50	4.63	4.00
3619	Wirthmore Syracuse Milling Co., Syracuse, N. Y.	East Bridgeport: J. Simon	10.65	11.00	9.00	9.20	12.00	4.88	3.00
3506	Syragold Tioga-Empire Feed Mills, Inc., Waverly, N. Y. Or Co Feed	Bethel: Morrison & Dunham	11.98	21.19	18.00	7.15	12.00	3.55	2.50
2263	Yantic Grain & Products Co., Nor- wich, Conn. Big Y Fitting Ration	Naugatuck: Naugatuck Grain Co.	12.03	14.56	12.00	5.63	8.00	4.54	4.00
3157	Yantic Grain & Products Co., Nor- wich, Conn. Big Y	Tariffville: Tariffville Grain Co.	10.13	9.44	9.00	11.85	12.00	4.08	4.00
3694	Yantic Grain & Products Co., Nor- wich, Conn. Big Y Sugared	East Hartford: East Hartford Grain Store	10.48	8.25	9.00	10.25	12.00	3.95	3.50
	<i>Calf feeds and other products</i>								
4126	Allied Mills, Inc., Chicago, Ill. Emer- gency Hog Feed	Plainville: Sunshine Feed Store	10.38	14.88	14.00	5.08	7.00	4.93	3.00
3521	Allied Mills, Inc., Chicago, Ill. Wayne Calf Meal	Danbury: C. S. Barnum & Son	9.98	25.63	24.00	6.63	7.00	4.65	4.00
3514	Beacon Milling Co., Inc., Cayuga, N. Y. Beacon Calf Meal	Danbury: C. S. Barnum & Son	10.13	25.63	25.00	2.85	6.00	3.30	3.00
3585	Blatchford Calf Meal Co., Waukegan, Ill. Blatchford Calf Meal	Middletown: Meech & Stoddard, Inc.,	10.93	24.69	24.00	4.98	6.75	4.53	5.00
4139	Elmore Milling Co., Inc., Oneonta, N. Y. Elmore "Three Point" Calf Meal	Hazardville: A. D. Bridge's Sons	9.68	25.00	24.00	3.23	4.00	3.68	4.00
3151	John W. Eshelman & Sons, Lancaster, Pa. Eshelman Red Rose Calf Starter	Simsbury: H. B. Bunnell & Co.	10.13	24.00	20.00	4.05	5.00	4.38	3.00
2289	John W. Eshelman & Sons, Lancaster, Pa. Eshelman Red Rose Hog Meal	Simsbury: H. B. Bunnell & Co.	10.15	18.25	16.00	6.15	10.00	4.70	5.00
3660	Larroffe Milling Co., Detroit, Mich. Larro Calf Meal	Branford: S. V. Osborn Est.	9.50	24.38	23.00	3.50	4.00	3.90	4.00

TABLE I. ANALYSES OF COMMERCIAL FEEDS, INSPECTION OF 1933—Continued

Station No.	Manufacturer and brand	Retail dealer	Pounds per hundred								
			Water		Protein (N x 6.25)		Fiber		Fat		
			Found	Guaranteed, not less than	Found	Guaranteed, not less than	Found	Guaranteed, not more than, not less than	Found	Guaranteed, not less than	
<i>Proprietary Mixed Feeds—Continued</i>											
<i>Calf feeds and other products—Concluded</i>											
3703	Larrove Milling Co., Detroit, Mich.	Unionville: Lawton-Miner Co.	8.63	28.13	25.00	8.20	10.00	6.13	5.00		
3736	Larro Pork Maker Park & Pollard Co., Buffalo, N. Y.	Putnam: Bosworth Bros.	10.45	17.50	15.00	6.25	8.00	4.15	3.50		
3609	Go-Tu-It Pig and Hog Ration Park & Pollard Co., Buffalo, N. Y.	Waterbury: Spencer Grain Co.	9.20	25.44	20.00	4.90	6.50	5.60	7.00		
3684	Milkade Calf Meal The Quaker Oats Co., Chicago, Ill.	Manchester: Little & McKinney	8.83	18.25	18.00	2.55	4.00	7.10	7.00		
3795	Schumacher Calf Meal Ralston Purina Co., St. Louis, Mo.	New London: New London Grain Co.	9.80	29.38	27.00	3.23	4.50	3.29	3.20		
3708	Purina Calf Chow Ralston Purina Co., St. Louis, Mo.	New Haven: Moran-Paton Co.	11.43	15.25	14.00	4.70	7.00	3.88	3.00		
3726	Purina Hog Fatena Chow St. Albans Grain Co., St. Albans, Vt.	Stafford Springs: Valley Grain Co.	10.00	22.94	24.00	3.10	4.00	5.33	5.50		
3070	Wirthmore Calf Meal St. Albans Grain Co., St. Albans, Vt.	St. Albans: R. G. Davis & Sons, Inc.	11.65	17.25	17.00	4.29	9.00	4.13	4.00		
<i>Poultry feeds</i>											
4130	Allied Mills, Inc., Chicago Ill. Em-pire Egg Mash	Plainville: Sunshine Feed Store	10.10	16.75	16.50	4.95	7.00	5.59	4.00		

3897	Allied Mills, Inc., Chicago, Ill. Red Feather Egg Mash	Bristol: A. J. Bower	9.63	19.38	18.00	4.93	8.00	4.38	3.50
3038	Allied Mills, Inc., Chicago, Ill. Red Feather Scratch Feed	Ansonia: A. Hodos & Son	12.68	10.00	9.00	1.86	4.00	2.43	2.50
3039	Allied Mills, Inc., Chicago, Ill. Screened Cracked Corn	Ansonia: A. Hodos & Son	13.90	8.88	8.50	1.13	2.50	2.25	2.50
4132	Allied Mills, Inc., Chicago, Ill. Wayne All Mash Chick Starter	Plainville: Sunshine Feed Store	9.75	19.50	17.00	4.95	6.00	6.15	4.00
1924	Allied Mills, Inc., Chicago, Ill. Wayne All Mash Chick Starter with Cod Liver Oil and Sardine Oil	Bristol: A. J. Bower	10.45	17.81	17.00	4.28	6.00	5.20	4.00
3173	Allied Mills, Inc., Chicago, Ill. Wayne All Mash Grower	Guilford: David Cohen	11.60	15.88	16.00	3.70	6.00	4.00	4.00
1944	Allied Mills, Inc., Chicago, Ill. Wayne All Mash Grower with Cod Liver Oil and Sardine Oil	Bristol: A. J. Bower	10.23	18.56	16.00	4.87	6.00	5.40	4.00
1925	Allied Mills, Inc., Chicago, Ill. Wayne Broiler Ration	Bristol: A. J. Bower	9.90	19.25	18.00	5.08	8.00	6.15	3.50
1926	Allied Mills, Inc., Chicago, Ill. Wayne Chick Feed	Bristol: A. J. Bower	11.65	11.38	9.00	1.34	4.00	3.23	2.00
2216	Allied Mills, Inc., Chicago, Ill. Wayne Egg Mash	Danbury: C. S. Barnum	9.73	19.69	18.00	5.50	7.00	5.70	3.50
3174	Allied Mills, Inc., Chicago, Ill. Wayne Egg Mash with Cod Liver Oil and Sardine Oil	Guilford: David Cohen	10.88	18.38	18.00	5.76	7.00	5.10	3.50
2214	Allied Mills, Inc., Chicago, Ill. Wayne Intermediate Scratch Feed	Danbury: C. S. Barnum	11.90	10.38	10.00	1.88	4.00	2.78	2.00
3713	Allied Mills, Inc., Chicago, Ill. Wayne 26% Mash Supplement	Bristol: A. J. Bower	8.73	27.88	26.00	6.80	8.00	4.39	4.00
3715	Allied Mills, Inc., Chicago, Ill. Wayne Poultry Fattener	Bristol: A. J. Bower	10.23	15.81	13.50	5.48	7.00	4.03	4.00
4129	Allied Mills, Inc., Chicago, Ill. Wayne Scratch Feed	Plainville: Sunshine Feed Store	11.93	10.75	10.00	2.45	4.00	3.12	2.50
3453	Allied Mills, Inc., Chicago, Ill. Wayne Starter and Grower	Ansonia: A. Hodos & Son	10.40	18.13	16.00	5.95	6.00	4.73	3.50
3144	Allied Mills, Inc., Chicago, Ill. Wayne Turkey Mash	Bristol: A. J. Bower	11.03	17.50	15.00	7.75	8.00	5.25	3.50

TABLE I. ANALYSES OF COMMERCIAL FEEDS, INSPECTION OF 1933—Continued

Station No.	Manufacturer and brand	Retail dealer	Pounds per hundred								
			Protein (N x 6.25)		Fiber		Fat				
			Water	Pound	Guaranteed, not less than	Pound	Guaranteed, not more than	Pound	Guaranteed, not less than		
<i>Proprietary Mixed Feeds—Continued</i>											
<i>Poultry feeds—Continued</i>											
3714	Allied Mills, Inc., Chicago, Ill. Wayne	Bristol: A. J. Bower	9.20	25.88	25.00	6.25	8.00	5.76	4.00		
3582	25% Turkey Starting Mash	Middlefield: Terrill & Burrough	10.45	19.13	18.00	5.75	6.00	5.43	4.00		
1987	Anchor Mills, Hagerstown, Md. Zip Egg Mash	Arcady Farms Milling Co., Chicago, Ill. Arcady All Mash Chick Starter and Grower	10.18	16.75	17.00	5.05	5.00	5.38	5.00		
1990	Arcady Farms Milling Co., Chicago, Ill. Arcady Besbet Growing Mash	New Britain: S. P. Strole	10.25	15.50	16.00	6.18	7.50	4.70	4.00		
1988	Arcady Farms Milling Co., Chicago, Ill. Arcady Besbet Laying Mash...	New Britain: S. P. Strole	9.50	19.75	20.00	5.43	7.00	4.95	4.00		
1991	Arcady Farms Milling Co., Chicago, Ill. Arcady Besbet Starting Mash..	New Britain: S. P. Strole	11.30	13.69	13.00	5.38	6.00	4.65	3.50		
2244	Arcady Farms Milling Co., Chicago, Ill. Arcady Scratch Grains	Meriden: Raymond Ives	13.38	10.00	10.00	1.90	5.00	2.93	2.50		
1989	Arcady Farms Milling Co., Chicago, Ill. Riverside Scratches Grains	New Britain: S. P. Strole	13.23	9.88	10.00	2.40	5.00	3.23	2.50		
2147	E. W. Bailey & Co., Montpelier, Vt. Pennant Brand Chick Starter	West Willington: H. M. Hansen	9.83	17.00	17.00	4.48	5.00	5.48	5.00		

2148	E. W. Bailey & Co., Montpelier, Vt. Pennant Brand Coarse Chick Feed	West Willington: H. M. Hansen	11.20	12.13	10.00	2.08	3.00	3.83	3.00
2149	E. W. Bailey & Co., Montpelier, Vt. Pennant Brand Fine Chick Feed	West Willington: H. M. Hansen	12.13	11.88	10.00	1.33	3.00	2.85	3.00
2119	E. W. Bailey & Co., Montpelier, Vt. Pennant Brand Laying Mash	Lebanon: Berkman Grain Co.	9.98	21.88	20.00	4.18	6.00	4.80	5.00
3729	E. W. Bailey & Co., Montpelier, Vt. Pennant Growing Feed	West Willington: H. M. Hansen	10.13	17.25	15.00	4.15	5.00	4.62	5.00
3793	E. W. Bailey & Co., Montpelier, Vt. Pennant Laying Mash (with Cod Liver Meal)	New London: B. J. McCarthy	10.05	22.13	20.00	4.53	6.00	4.53	5.00
2122	E. W. Bailey & Co., Montpelier, Vt. Pennant Scratch Feed	Lebanon: Berkman Grain Co.	11.58	11.31	10.00	2.58	6.50	2.73	3.00
2213	Beacon Milling Co., Inc., Cayuga, N. Y. Beacon Broiler Feed	Danbury: C. S. Barnum & Son	10.30	17.88	17.00	4.43	6.00	4.90	4.00
1932	Beacon Milling Co., Inc., Cayuga, N. Y. Beacon's Cayuga Developer Feed	Bridgeport: Herbert C. Ferris	12.10	11.38	10.00	1.61	5.00	3.50	2.50
1902	Beacon Milling Co., Inc., Cayuga, N. Y. Beacon's Cayuga Growing Mash	Bridgeport: Herbert C. Ferris	10.45	17.06	16.00	5.28	7.00	4.70	4.00
1904	Beacon Milling Co., Inc., Cayuga, N. Y. Beacon Cayuga Laying Mash with Buttermilk	Bridgeport: Herbert C. Ferris	9.98	20.75	20.00	5.34	7.00	5.08	4.00
2166	N. Y. Beacon's Cayuga Scratch Feed	Shelton: Shelton Feed Co.	13.03	10.88	9.00	2.55	5.00	2.40	2.50
2165	N. Y. Beacon Milling Co., Inc., Cayuga, N. Y. Beacon Chick Feed	Shelton: Shelton Feed Co.	11.55	11.38	10.00	1.45	3.50	4.13	2.50
1903	N. Y. Beacon's Complete Starting Ration	Bridgeport: Herbert C. Ferris	10.18	18.31	17.50	4.00	6.00	4.25	4.00
1905	Beacon Milling Co., Inc., Cayuga, N. Y. Beacon Egg Mash with Buttermilk	Bridgeport: Herbert C. Ferris	9.60	22.88	22.00	5.13	7.00	4.90	4.50
3623	Beacon Milling Co., Inc., Cayuga, N. Y. Beacon Fleshing Mash and Crate Fattener	Bridgeport: Herbert C. Ferris	9.38	17.00	15.00	4.48	5.00	4.37	4.50

TABLE I. ANALYSES OF COMMERCIAL FEEDS, INSPECTION OF 1933—Continued

Station No.	Manufacturer and brand	Retail dealer	Pounds per hundred								
			Water		Protein (N x 6.25)		Fiber		Fat		
			Found	Guaranteed, not less than	Found	Guaranteed, not more than	Found	Guaranteed, not less than	Found	Guaranteed, not less than	
<i>Proprietary Mixed Feeds—Continued</i>											
<i>Poultry feeds—Continued</i>											
1901	Beacon Milling Co., Inc., Cayuga, N. Y. Beacon Growing Mash	Bridgeport: Herbert C. Ferris	9.95	18.38	17.00	5.08	7.00	4.48	4.00		
3228	Beacon Milling Co., Inc., Cayuga, N. Y. Beacon Pheasant-Quail Starter and Grower Mash	Bridgeport: Herbert C. Ferris	9.13	22.88	22.00	5.95	6.00	4.88	4.00		
3651	Beacon Milling Co., Inc., Cayuga, N. Y. Beacon Scratch Grains	Danbury: C. S. Barnum & Son	12.10	10.00	9.00	2.30	5.00	2.37	2.00		
3626	Beacon Milling Co., Inc., Cayuga, N. Y. Beacon Special Coccidioid Mash	Bridgeport: Herbert C. Ferris	9.30	19.50	18.00	2.85	5.00	2.68	1.00		
2217	Beacon Milling Co., Inc., Cayuga, N. Y. Beacon Special Scratch Grains	Danbury: C. S. Barnum & Son	13.20	11.19	9.00	2.48	3.50	2.50	2.00		
3143	Beacon Milling Co., Inc., Cayuga, N. Y. Beacon Turkey Growing Feed	New Milford: W. L. Richmond & Son	9.78	20.25	18.00	5.71	7.00	5.23	4.00		
3077	Black Rock Milling Corp., Buffalo, N. Y. Bidwell Dry Mash	New London: New London Graia Co.	11.48	20.13	18.00	5.32	8.00	4.30	3.00		
2203	Black Rock Milling Corp., Buffalo, N. Y. Bidwell Scratch Feed	Newtown: R. H. Holcomb & Co.	13.23	10.31	10.00	2.30	5.00	3.10	1.50		

2003	C. Buckingham & Co., Southport, Conn. C.B. Growing Mash	Southport: C. Buckingham & Co.	9.43	16.31	15.00	4.53	6.00	5.70	4.00
2002	C. Buckingham & Co., Southport, Conn. C.B. Egg Mash	Southport: C. Buckingham & Co.	9.05	20.38	19.00	5.95	8.00	5.78	5.00
2001	C. Buckingham & Co., Southport, Conn. C.B. Scratch Feed	Southport: C. Buckingham & Co.	12.35	11.63	10.00	2.80	3.80	2.25	2.50
2004	C. Buckingham & Co., Southport, Conn. C.B. Starter	Southport: C. Buckingham & Co.	9.35	19.19	17.00	4.20	5.00	5.35	4.00
2105	C.W. Campbell Co., Westerly, R. I. Egg-O Chick Feed	Groton: C. W. Campbell Co.	11.53	11.63	10.00	1.45	5.00	3.05	2.00
3080	C.W. Campbell Co., Westerly, R. I. Egg-O Chick Starter	Groton: C. W. Campbell Co.	10.55	20.25	17.00	5.58	5.00	4.98	4.00
3082	C.W. Campbell Co., Westerly, R. I. Egg-O Growing Feed	Groton: C. W. Campbell Co.	10.85	20.75	18.00	5.73	8.00	4.15	4.00
3083	C.W. Campbell Co., Westerly, R. I. Egg-O Intermediate	Groton: C. W. Campbell Co.	12.73	11.88	10.00	1.45	4.00	3.50	2.00
2102	C.W. Campbell Co., Westerly, R. I. Egg-O Laying Mash	Groton: C. W. Campbell Co.	9.93	20.44	18.00	7.20	8.00	5.00	4.00
2104	C.W. Campbell Co., Westerly, R. I. Egg-O Scratch	Groton: C. W. Campbell Co.	12.18	11.44	10.00	2.55	5.00	2.68	2.00
3791	C.W. Campbell Co., Westerly, R. I. Egg-O Turkey Grower	Westerly: C. W. Campbell Co.	9.35	22.88	20.00	7.05	8.00	5.70	5.00
3100	The Coles Co., Middletown, Conn. Fortune Chick Starter	Middletown: The Coles Co.	11.10	17.56	14.00	3.80	5.00	5.65	5.00
3098	The Coles Co., Middletown, Conn. Fortune Egg Mash with Dried Buttermilk	Middletown: The Coles Co.	11.85	20.69	17.00	4.95	9.00	5.00	3.50
3101	The Coles Co., Middletown, Conn. Fortune Growing Feed with Cod Liver Oil	Middletown: The Coles Co.	11.65	16.81	18.00	3.80	5.00	5.58	4.00
3099	The Coles Co., Middletown, Conn. Fortune Intermediate Scratch	Middletown: The Coles Co.	13.68	10.81	10.00	2.06	3.00	2.33	5.00
2233	The Coles Co., Middletown, Conn. Fortune Scratch Feed	Wallingford: Laden Bros. Co., Inc.	11.88	11.19	10.00	2.13	5.00	2.93	2.50
3045	The G. E. Conkey Co., Cleveland, Ohio. Conkey's All Mash Chick Ration with Y-O	Ansonia: A. Hodds & Son	11.53	16.13	16.00	4.54	5.50	5.75	4.50

TABLE I. ANALYSES OF COMMERCIAL FEEDS, INSPECTION OF 1933—Continued

2204	Consumers Food Stores, Inc., Bridgeport, Conn. Gold Bond "All Mash" Starter	Bethel: Consumers Food Stores, Inc.	10.35	20.31	17.00	5.90	5.00	5.85	4.00
2206	Consumers Food Stores, Inc., Bridgeport, Conn. Gold Bond Baby Chick Feed	Bethel: Consumers Food Stores, Inc.	11.25	10.38	9.00	1.35	5.00	3.50	2.50
3505	Consumers Food Stores, Inc., Bridgeport, Conn. Gold Bond Egg Mash	Bethel: Consumers Food Stores, Inc.	14.66	20.75	20.00	6.45	7.00	3.19	4.00
2197	Consumers Food Stores, Inc., Bridgeport, Conn. Gold Bond Growing Mash	Sandy Hook: Consumers Food Stores, Inc.	10.05	18.38	17.00	6.18	6.00	5.10	4.50
3504	Consumers Food Stores, Inc., Bridgeport, Conn. Gold Bond Intermediate Chick Feed	Sandy Hook: Consumers Food Stores, Inc.	12.00	12.13	9.00	2.00	5.00	2.41	2.50
2192	Consumers Food Stores, Inc., Bridgeport, Conn. Gold Bond Scratch Feed	Sandy Hook: Consumers Food Stores, Inc.	11.10	10.19	9.00	1.83	4.00	2.45	2.50
4145	E. A. Cowee Co., Fitchburg, Mass. Coweco Growing Mash	Quinebaug: M. T. Dartt	8.73	18.38	14.00	4.25	6.00	6.55	4.50
3223	E. A. Cowee Co., Fitchburg, Mass. Coweco Laying Mash	Quinebaug: M. T. Dartt	9.20	22.50	20.00	4.60	7.50	6.48	4.00
4143	E. A. Cowee Co., Fitchburg, Mass. Coweco Scratch Feed	Quinebaug: M. T. Dartt	11.30	11.75	10.00	2.38	3.00	2.55	2.50
1976	C. A. Cowes, Plantsville, Conn. C.A. Blue Seal Mash	Plantsville: C. A. Cowles	9.33	20.00	18.00	7.39	6.00	4.93	4.00
3727	Crosby Milling Co., Brattleboro, Vt. Crosby's Scratch Feed	Stafford Springs: Valley Grain Co.	11.95	11.88	11.00	2.45	5.00	3.03	3.00
3085	P. Cutler, Inc., Colchester, Conn. Prosperity Laying Mash	Colchester: P. Cutler, Inc.	11.15	15.69	16.00	5.97	10.00	5.35	4.00
3088	P. Cutler, Inc., Colchester, Conn. Prosperity Scratch Feed	Colchester: P. Cutler, Inc.	13.55	9.63	10.00	2.15	6.00	2.60	2.00
2185	R. G. Davis & Sons, Inc., New Haven, Conn. Davis Buttermilk Mash	Ansonia: Ansonia Flour & Grain Co.	9.25	20.19	18.00	5.13	7.00	5.15	5.00
1897	R. G. Davis & Sons, Inc., New Haven, Conn. Davis Scratch Feed	Milford Grain Co.	11.63	12.25	10.00	2.03	5.00	2.63	2.00

TABLE I. ANALYSES OF COMMERCIAL FEEDS, INSPECTION OF 1933—Continued

Inspection No.	Manufacturer and brand	Retail dealer	Pounds per hundred					
			Protein (N x 6.25)		Fiber		Fat	
			Found	Guaranteed, not less than	Found	Guaranteed, not more than	Found	Guaranteed, not less than
3017	Proprietary Mixed Feeds—Continued Poultry feeds—Continued							
3017	Delaware Mills, Inc., Deposit, N. Y.	Manchester : Manchester Grain Co.	10.55	17.13	15.00	5.91	6.00	5.33
3019	Delaware All Mash Chick Starter	Manchester : Manchester Grain Co.	13.08	10.63	10.00	1.20	3.00	2.98
1906	Delaware Mills, Inc., Deposit, N. Y.	Delaware Chick Grains Delaware Mills, Inc., Deposit, N. Y.	10.63	10.00	10.00	1.20	3.00	3.00
1907	Delaware Chick Starting Mash (with Dried Buttermilk)	Delaware Mills, Inc., Deposit, N. Y.	10.65	17.75	16.00	5.29	5.00	5.13
3034	Delaware Growing Mash (with Dried Skim Milk)	Bridgeport : Brooklawn Feed Co.	11.20	17.75	17.00	5.19	6.00	5.28
3013	Delaware Intermediate Chick Grains	Manchester : Manchester Grain Co.	13.30	11.25	10.00	1.57	5.00	2.63
3035	Delaware Scratch Grains	Southington : Southington Lumber Co.	13.03	10.00	10.00	2.39	5.00	2.33
3018	Double Circle Scratch Grains	Derby : Derby Feed Store	13.28	12.25	10.00	2.35	5.00	2.50
	Delaware Mills, Inc., Deposit, N. Y.	Manchester : Manchester Grain Co.	11.00	16.88	15.00	5.86	7.00	4.50
	Indian Growing Mash (with Dried Skim Milk)							

1908	Delaware Mills, Inc., Deposit, N. Y. Indian Laying Mash (with Dried Skim Milk)	Bridgeport: Brooklawn Feed Co.	11.53	17.50	18.00	4.93	7.00	5.33	5.00
2108	Dietrich & Gambrill, Inc., Frederick Md. Gambrill's Chick Feed	Norwich: A. E. Shedd	13.53	10.56	10.00	1.35	3.00	2.58	2.50
4148	Dietrich & Gambrill's Inc., Frederick Md. Gambrill's Laying Mash	Danielson: Young Bros. Co.	9.13	23.13	20.00	6.20	7.00	5.58	5.00
2112	Dietrich & Gambrill, Inc., Frederick Md. Gambrill's Scratch Feed	Norwich: A. E. Shedd	14.00	10.81	10.00	2.78	4.00	3.20	2.50
3755	Eastern States Farmers' Exchange, Springfield, Mass. Eastern States Combination Mash	Norwich: A. E. Shedd	9.65	17.19	15.00	5.05	6.50	4.98	4.00
3256	Eastern States Farmers' Exchange, Springfield, Mass. Eastern States Controller Mash	Norwich: A. E. Shedd	8.75	20.75	18.50	2.43	4.00	3.20	2.50
3129	Eastern States Farmers' Exchange, Springfield, Mass. Eastern States Developer Mash	New Milford: Paul Caldwell	10.70	19.25	18.50	5.76	6.50	5.53	4.00
3075	Eastern States Farmers' Exchange, Springfield, Mass. Eastern States Developer Mash	Clinton: A. L. Lockwood	10.60	18.94	18.50	5.30	6.50	5.20	4.00
3130	Eastern States Farmers' Exchange, Springfield, Mass. Eastern States Intermediate Scratch Grains	New Milford: Paul Caldwell	13.00	10.50	9.50	1.66	3.00	2.38	2.00
3076	Eastern States Farmers' Exchange, Springfield, Mass. Eastern States Producer Mash	Clinton: A. L. Lockwood	10.48	17.94	17.00	5.08	6.50	5.23	4.00
2110	Eastern States Farmers' Exchange, Springfield, Mass. Eastern States Producer Mash with Oil	Norwich: A. E. Shedd	10.45	17.56	17.00	5.08	6.50	5.38	4.00
3128	Eastern States Farmers' Exchange, Springfield, Mass. Eastern States Scratch Grains with Coarse Cracked Corn	New Milford: Paul Caldwell	12.90	11.00	10.00	2.93	4.00	2.93	2.50
2099	Eastern States Farmers' Exchange, Springfield, Mass. Eastern States Starting and Broiler Ration with Oil	Clinton: A. L. Lockwood	10.83	19.25	18.50	3.90	5.00	5.10	4.00

TABLE I. ANALYSES OF COMMERCIAL FEEDS, INSPECTION OF 1933—Continued

Manufacturer and brand Station No.	Retail dealer	Pounds per hundred							
		Protein (N x 6.25)		Fiber		Fat			
		Water	Found Guaranteed, not less than	Found Guaranteed, not more than	Found Guaranteed, not less than	Found Guaranteed, not more than	Guaranteed not less than not less than		
Proprietary Mixed Feeds—Continued Poultry feeds—Continued									
33855	Eastern States Farmers' Exchange, Springfield, Mass. Eastern States Turkey Fat	Norwich: A. E. Shedd	9.53	17.00	16.00	4.45	6.00	4.55	3.50
32254	Eastern States Farmers' Exchange, Springfield, Mass. Eastern States Turkey Grow	Norwich: A. E. Shedd	9.60	20.63	20.00	3.98	5.00	5.65	4.00
32255	Eastern States Farmers' Exchange, Springfield, Mass. Eastern States Turkey Start	Norwich: A. E. Shedd	9.25	25.19	24.00	3.75	5.00	5.80	4.50
33204	Elmore Milling Co., Inc., Oneonta, N. Y. Elmore Chick Feed	Hazardville: Amos D. Bridge's Sons..	12.40	11.69	10.00	1.65	3.50	3.98	2.50
23209	Elmore Milling Co., Inc., Oneonta, N. Y. Elmore Chixsaver	Hazardville: Amos D. Bridge's Sons..	9.25	18.69	16.50	4.68	8.00	6.15	4.00
23208	Elmore Milling Co., Inc., Oneonta, N. Y. Elmore Eggmaker	Hazardville: Amos D. Bridge's Sons..	10.05	19.38	17.00	5.05	8.00	6.25	4.50
23210	Elmore Milling Co., Inc., Oneonta, N. Y. Elmore Egg Mash	Hazardville: Amos D. Bridge's Sons..	9.13	20.50	18.00	5.75	8.00	4.73	4.00
32205	N. Y. Elmore Growing Mash	Hazardville: Amos D. Bridge's Sons..	11.00	19.31	17.00	5.50	8.00	5.18	4.00
32202	Elmore Milling Co., Inc., Oneonta, N. Y. Elmore Intermediate Chick Feed	Hazardville: Amos D. Bridge's Sons..	12.93	11.13	10.00	1.90	3.00	2.85	2.50

3488	Elmore Milling Co., Inc., Oneonta, N. Y.	Milk Grains Jr.	Plantsville: C. A. Cowles	9.90	20.63	20.00	7.43	10.00	5.41	5.00
2312	Elmore Milling Co., Inc., Oneonta, N. Y.	Elmore Scratch Feed	Hazardville: Amos D. Bridge's Sons	11.20	11.13	10.00	2.70	7.00	2.80	2.50
3847	John W. Eshelman & Sons, Lancaster, Pa.	Eshelman Lancaster Scratch Grains	Stratford: Farmers Flour & Grain Co.	12.25	9.75	9.00	1.93	4.00	2.58	2.50
3629	John W. Eshelman & Sons, Lancaster, Pa.	Eshelman Poultry Chick Grains	Southport: C. Buckingham & Co.	12.65	11.75	9.00	1.55	3.00	3.53	3.00
3507	John W. Eshelman & Sons, Lancaster, Pa.	Eshelman Poultry Laying Mash	Bethel: Morrison & Dunham	10.05	22.31	18.00	7.55	8.00	5.80	5.00
2210	John W. Eshelman & Sons, Lancaster, Pa.	Eshelman Red Rose All Mash Starter	Bethel: Morrison & Dunham	8.48	19.06	16.00	4.68	6.50	5.20	4.00
1996	John W. Eshelman & Sons, Lancaster, Pa.	Eshelman Red Rose Chick Grains	New Britain: Wm. Cohen, Inc.	10.78	12.19	10.00	2.00	3.00	3.90	3.00
1998	John W. Eshelman & Sons, Lancaster, Pa.	Eshelman Red Rose Chick Starter	New Britain: Wm. Cohen, Inc.	8.28	17.38	15.00	4.63	6.00	4.85	4.00
3644	John W. Eshelman & Sons, Lancaster, Pa.	Eshelman Red Rose Fattening Mash	Cos Cob: A. R. Belmont	10.23	14.88	14.00	3.43	5.00	5.00	4.00
1995	John W. Eshelman & Sons, Lancaster, Pa.	Eshelman Red Rose Growing Mash	New Britain: Wm. Cohen, Inc.	9.88	18.63	16.00	5.10	7.00	5.48	4.00
2211	John W. Eshelman & Sons, Lancaster, Pa.	Eshelman Red Rose Growing Mash with Cod Liver Oil	Bethel: Morrison & Dunham	10.20	18.38	16.00	5.43	7.00	5.65	4.00
1997	John W. Eshelman & Sons, Lancaster, Pa.	Eshelman Red Rose Laying Mash	New Britain: Wm. Cohen, Inc.	9.73	21.44	20.00	5.53	7.00	6.33	5.00
4135	John W. Eshelman & Sons, Lancaster, Pa.	Eshelman Red Rose Laying Mash with Cod Liver Oil	Simsbury: H. B. Bunnell & Co.	9.23	21.25	20.00	5.70	7.00	6.25	5.00

TABLE I. ANALYSES OF COMMERCIAL FEEDS, INSPECTION OF 1933—Continued

Station No.	Manufacturer and brand	Retail dealer	Pounds per hundred					
			Water	Found	Guaranteed not less than	Found	Guaranteed not more than	Fiber	Fat
			Protein (N x 6.25)					Guaranteed not less than the feed
<i>Proprietary Mixed Feeds—Continued</i>								
<i>Poultry feeds—Continued</i>								
2212	John W. Eshelman & Sons, Lancaster, Pa.	Eshelman Red Rose Scratch Grains	John W. Eshelman & Sons, Lancaster, Pa.	Red Rose Turkey Mash	Fernando Valley Milling & Supply Co., Los Angeles, Calif.	Ideal Greens, Sun-Cared	First National Stores, Inc.	Bethel: Morrison & Dunham
3150	John W. Eshelman & Sons, Lancaster, Pa.	Red Rose Scratch Grains	John W. Eshelman & Sons, Lancaster, Pa.	Red Rose Turkey Mash	Fernando Valley Milling & Supply Co., Los Angeles, Calif.	Ideal Greens, Sun-Cared	First National Stores, Inc.	Siisbury: H. B. Bunnell & Co.
3452	John W. Eshelman & Sons, Lancaster, Pa.	Red Rose Scratch Grains	John W. Eshelman & Sons, Lancaster, Pa.	Red Rose Turkey Mash	Fernando Valley Milling & Supply Co., Los Angeles, Calif.	Ideal Greens, Sun-Cared	First National Stores, Inc.	Shelton: Wolf Savitsky
3696	First National Stores, Inc., Somerville, Mass.	Golden Egg Laying Mash	First National Stores, Inc., Somerville, Mass.	Golden Egg Laying Mash	Flory Milling Co., Inc., Bangor, Pa.	Golden Egg Laying Mash	First National Stores, Inc.	Burnside: First National Stores, Inc.
3695	First National Stores, Inc., Somerville, Mass.	Golden Egg Scratch Feed	First National Stores, Inc., Somerville, Mass.	Golden Egg Scratch Feed	Flory Milling Co., Inc., Bangor, Pa.	Flory Milling Co., Inc., Bangor, Pa.	First National Stores, Inc.	Burnside: First National Stores, Inc.
3846	A. W. Forbes, East Haven, Conn.	A. W. Forbes, East Haven, Conn.	A. W. Forbes, East Haven, Conn.	A. W. Forbes, East Haven, Conn.	Stratford: Farmers' Flour & Grain Co.	Stratford: Farmers' Flour & Grain Co.	Stratford: Farmers' Flour & Grain Co.	Shelton: Wolf Savitsky
3185	R-Own Laying Mash	R-Own Laying Mash	R-Own Laying Mash	R-Own Laying Mash	East Hartford: Stowe & Rondeau	East Hartford: Stowe & Rondeau	East Hartford: Stowe & Rondeau	Siisbury: H. B. Bunnell & Co.
2083	A. W. Forbes, East Haven, Conn.	A. W. Forbes, East Haven, Conn.	A. W. Forbes, East Haven, Conn.	A. W. Forbes, East Haven, Conn.	East Haven: A. W. Forbes	East Haven: A. W. Forbes	East Haven: A. W. Forbes	Shelton: Wolf Savitsky
2084	A. W. Forbes, East Haven, Conn.	A. W. Forbes, East Haven, Conn.	A. W. Forbes, East Haven, Conn.	A. W. Forbes, East Haven, Conn.	East Haven: A. W. Forbes	East Haven: A. W. Forbes	East Haven: A. W. Forbes	Siisbury: H. B. Bunnell & Co.
	R-Own Scratch Feed	R-Own Scratch Feed	R-Own Scratch Feed	R-Own Scratch Feed	East Haven: A. W. Forbes	East Haven: A. W. Forbes	East Haven: A. W. Forbes	Shelton: Wolf Savitsky

3233	J. B. Garland & Son, Worcester, Mass. Garland's Growing Mash with Dried Milk	No. Grosvenordale: Thompson Grain Co.	11.50	19.19	14.00	4.53	8.00	5.50	4.00
3234	J. B. Garland & Son, Worcester, Mass. Garland's Poultry Mash with Dried Milk	No. Grosvenordale: Thompson Grain Co.	9.25	20.63	20.00	4.10	8.00	5.90	4.00
3235	J. B. Garland & Son, Worcester, Mass. Royal Worcester Scratch Feed	No. Grosvenordale: Thompson Grain Co.	11.70	10.38	10.00	2.10	4.00	2.88	2.00
3730	General Mills, Inc., Minneapolis, Minn. Eventually Gold Medal Scratch Feed—No Grit	West Willington: H. M. Hansen	12.60	11.00	10.00	2.03	4.00	2.96	3.00
2158	D. H. Grandin Milling Co., Jamestown, N. Y. Grandin's Baby Chick Feed	Portland: Valley Mills	12.55	10.31	10.00	1.35	5.00	2.88	2.50
3685	D. H. Grandin Milling Co., Jamestown, N. Y. Grandin's Complete Starting Ration with Buttermilk and Cod Liver Oil	Manchester: O. E. Bailey	10.15	16.88	16.00	3.95	6.00	4.50	4.00
3718	D. H. Grandin Milling Co., Jamestown, N. Y. Grandin's Growing Mash with Buttermilk	Portland: Valley Mills	8.80	16.00	15.00	6.08	8.00	5.38	4.00
2153	D. H. Grandin Milling Co., Jamestown, N. Y. Grandin's Growing Mash with Buttermilk and Cod Liver Oil	Portland: Valley Mills	9.60	16.00	15.00	5.20	8.00	4.95	4.00
2156	D. H. Grandin Milling Co., Jamestown, N. Y. Grandin's Intermediate Chick Feed	Portland: Valley Mills	12.40	10.56	10.00	1.58	5.00	2.78	2.50
2154	D. H. Grandin Milling Co., Jamestown, N. Y. Grandin's Laying Mash with Buttermilk	Portland: Valley Mills	9.55	21.38	20.00	5.45	8.00	4.95	4.00
3552	D. H. Grandin Milling Co., Jamestown, N. Y. Grandin's Laying Mash with Buttermilk and Cod Liver Oil	Sharon: Frank A. Wike & Co.	10.03	21.25	20.00	5.55	8.00	4.95	4.00

TABLE I.—ANALYSES OF COMMERCIAL FEEDS. INSPECTION OF 1933—Continued

Manufacturer and brand Station No.	Retail dealer	Pounds per hundred					
		Water	Pound Guaranteed, not less than	Pound Guaranteed, not more than	Fiber	Pound	Fat
		Protein (N x 6.25)					Guaranteed, not less than than Pounds per hundred
21155	Proprietary Mixed Feeds—Continued Poultry feeds—Continued D. H. Grandin Milling Co., Jamestown, N. Y. Grandin's Poultry Green Food	Portland: Valley Mills	12.20	11.94	10.00	20.08	25.00
36690	D. H. Grandin Milling Co., Jamestown, N. Y. Grandin's Screened Scratch Feed	Manchester: O. E. Bailey	11.93	11.25	10.00	2.48	5.00
39445	The Grand Union Co., New York City. Peerless Laying Mash	Stamford: Grand Union Co.	8.33	19.81	20.00	5.50	7.00
39446	The Grand Union Co., New York City. Peerless Scratch Grains	Stamford: Grand Union Co.	11.13	10.44	10.00	2.05	5.00
36691	Great Atlantic & Pacific Tea Co., Minneapolis, Minn. Daily Growth Chick Starter	So. Manchester: Great Atlantic & Pacific Tea Co.	10.48	18.25	16.00	4.85	5.00
36692	Great Atlantic & Pacific Tea Co., Minneapolis, Minn. Daily Growth Fine Chick Feed	So. Manchester: Great Atlantic & Pacific Tea Co.	11.28	12.13	10.00	1.65	5.00
2313	Great Atlantic & Pacific Tea Co., Minneapolis, Minn. Daily Egg Mash Feed	Burnside: Great Atlantic & Pacific Tea Co.	9.25	20.00	20.00	5.10	4.50

2314	Great Atlantic & Pacific Tea Co., Minneapolis, Minn.	Daily Egg	Burnside; Great Atlantic & Pacific Tea Co.	12.80	10.38	10.00	2.35	5.00	2.98	2.50
1922	Hales & Hunter Co., Chicago, Ill.	Scratch Feed	Red Comb Broiler Mash with Dried Buttermilk	9.65	19.25	18.00	5.68	7.00	5.10	4.00
2093	Hales & Hunter Co., Chicago, Ill.	Red Comb Chick Starter with Dried Buttermilk	Guilford: Fred C. Morse & Son	10.38	17.38	15.00	5.00	5.00	5.10	4.00
3009	Hales & Hunter Co., Chicago, Ill.	Red Comb Crate Fattener with Rolled Oats	Mt. Carmel: Mt. Carmel Grain Store.	10.25	15.13	13.00	4.86	6.00	5.13	4.00
1900	Hales & Hunter Co., Chicago, Ill.	Red Comb Egg Mash with Dried Buttermilk	Stratford: Farmers' Flour & Grain Co.	8.40	21.25	18.00	5.96	7.00	5.68	4.00
2123	Hales & Hunter Co., Chicago, Ill.	Red Comb Growing Mash with Dried Buttermilk	Lebanon: Berkman Grain Co.	9.50	18.94	15.00	6.33	6.00	5.85	4.00
3008	Hales & Hunter Co., Chicago, Ill.	Red Comb Scratch Feed	Mt. Carmel: Mt. Carmel Grain Store.	12.08	10.69	10.00	2.44	5.00	2.78	2.50
2145	J. B. Ham Co., Auburn, Me.	Farmer Boy Egg Mash with Dried Skim Milk and Cod Liver Oil	Stafford Springs: Stafford Farmers' Co-op. Assoc.	10.25	19.19	18.00	4.65	7.00	4.80	5.00
2144	J. B. Ham Co., Auburn, Me.	Farmer Boy Growing Mash with Dried Skim Milk and Cod Liver Oil	Stafford Springs: Stafford Farmers' Co-op. Assoc.	11.50	18.88	18.00	4.38	5.00	4.83	4.00
2143	J. B. Ham Co., Auburn, Me.	Farmer Boy Intermediate Scratch Feed	Stafford Springs: Stafford Farmers' Co-op. Assoc.	12.98	11.56	10.00	2.30	3.00	2.68	3.00
2137	J. B. Ham Co., Auburn, Me.	Farmer Boy Scratch Feed	Stafford Springs: Stafford Farmers' Co-op. Assoc.	13.13	11.63	10.00	2.73	4.00	3.05	3.00
2146	J. B. Ham Co., Auburn, Me.	Farmer Boy Starting Mash with Dried Skim Milk and Cod Liver Oil	Stafford Springs: Stafford Farmers' Co-op. Assoc.	11.30	17.56	17.00	3.63	5.00	4.80	4.00
3613	Jersey Co., Minneapolis, Minn.	Just Right Egg Mash	Stratford: Farmers' Flour & Grain Co.	10.40	22.50	18.00	7.00	8.00	4.35	5.00
3004	H. P. Kyser Grain Co., New Haven, Conn.	Kyser's A-1 Growing Mash	Plainville: State Farmers' Co-op. Assoc.	10.33	17.38	15.50	5.48	6.00	5.24	4.00

TABLE I. ANALYSES OF COMMERCIAL FEEDS, INSPECTION OF 1933—Continued

Station No.	Manufacturer and brand	Retail dealer	Pounds per hundred							
			Water		Protein (N x 6.25)		Fiber			
			Found	Guaranteed, not less than	Found	Guaranteed, not less than	Found	Guaranteed, not less than		
<i>Proprietary Mixed Feeds—Continued</i>										
<i>Poultry feeds—Continued</i>										
3005	H. P. Kysor Grain Co., New Haven, Conn. Kysor's A-1 Laying Mash . . .	Plainville: State Farmers' Co-op. Assoc.	10.15	19.06	18.00	4.83	5.00	4.73		
3003	H. P. Kysor Grain Co., New Haven, Conn. Kysor's A-1 Scratch Grains	Plainville: State Farmers' Co-op. Assoc.	11.70	11.25	10.00	2.87	4.00	3.05		
3002	H. P. Kysor Grain Co., New Haven, Conn. Kysor's Self Starter Ration	Plainville: State Farmers' Co-op. Assoc.	9.99	19.13	18.00	4.46	5.00	5.30		
2255	A. S. Labieniec, Kensington, Conn. Reliable Laying Mash	Kensington: A. S. Labieniec	10.53	18.38	17.00	4.50	8.00	4.00		
2235	Laden Bros. Co., Inc., Wallingford, Conn. Laden's Baby Chick Starter	Wallingford: Laden Bros. Co., Inc. . . .	12.20	17.13	17.50	5.13	5.00	5.55		
3473	Laden Bros. Co., Inc., Wallingford, Conn. Laden's Growing Mash	Wallingford: Laden Bros. Co., Inc. . . .	13.28	16.00	17.00	3.95	5.00	4.65		
4157	Laden Bros. Co., Inc., Wallingford, Conn. Laden's Growing Mash	Wallingford: Laden Bros. Co., Inc. . . .	11.53	17.56	17.00	5.05	5.50	5.00		
2234	Laden Bros. Co., Inc., Wallingford, Conn. Laden's Laying Mash	Wallingford: Laden Bros. Co., Inc. . . .	10.73	20.94	20.00	4.88	5.00	6.48		
2236	Laden Bros. Co., Inc., Wallingford, Conn. Laden's Starter and Broiler Mash	Wallingford: Laden Bros. Co., Inc. . . .	11.43	18.25	17.00	4.33	5.00	4.50		

1909	The Larrowe Milling Co., Detroit, Mich. Larro Broiler Feed	Bridgewater: Brooklawn Feed Co.	9.88	15.94	15.00	4.45	7.00	4.50	4.50
2015	The Larrowe Milling Co., Detroit, Mich. Larro Chick Grains	So. Norwalk: Roodner Feed Co.	11.28	10.50	10.00	1.60	3.50	3.13	2.00
2017	The Larrowe Milling Co., Detroit, Mich. Larro Chick Starter	So. Norwalk: Roodner Feed Co.	9.20	17.25	16.50	4.25	5.00	4.68	4.50
2014	The Larrowe Milling Co., Detroit, Mich. Larro Egg Mash	So. Norwalk: Roodner Feed Co.	8.85	20.38	19.00	5.43	7.50	5.30	5.00
3125	The Larrowe Milling Co., Detroit, Mich. Larro Growing Grains	Plantsville: C. A. Cowles	14.30	9.88	10.00	1.64	3.50	2.20	2.00
3120	The Larrowe Milling Co., Detroit, Mich. Larro Growing Mash	Plantsville: C. A. Cowles	11.33	17.13	16.00	4.66	6.50	4.85	4.50
2018	The Larrowe Milling Co., Detroit, Mich. Larro Poultry Fattening Feed	So. Norwalk: Roodner Feed Co.	9.25	15.44	14.00	5.80	7.50	4.80	4.00
2016	The Larrowe Milling Co., Detroit, Mich. Larro Scratch Grains	So. Norwalk: Roodner Feed Co.	11.18	11.25	10.00	2.40	3.50	2.80	2.00
2020	The Larrowe Milling Co., Detroit, Mich. Larro Turkey Grower	So. Norwalk: Roodner Feed Co.	9.23	25.50	24.50	5.03	6.50	5.10	4.00
2011	Libner Grain Co., Norwalk, Conn.	Libner's Blue Ribbon Chick Starter	8.63	19.69	18.00	4.45	6.00	6.15	4.00
2006	Libner Grain Co., Norwalk, Conn.	Libner's Blue Ribbon Growing Mash	8.93	19.63	18.00	5.33	6.00	6.10	4.00
2010	Libner's Blue Ribbon Milk Egg Mash	Norwalk: Libner Grain Co.	8.83	19.06	17.00	5.53	6.50	6.35	3.00
1993	C. W. Lines Co., New Britain, Conn.	New Britain: C. W. Lines Co.	9.55	21.06	18.00	6.33	7.00	4.93	4.00
3112	C. W. Lines Co., New Britain, Conn.	Homestead Dry Mash	13.93	10.13	9.00	2.43	5.00	2.65	2.50
3111	C. W. Lines Co., New Britain, Conn.	Homestead Scratch Feed	13.30	10.63	9.00	2.42	4.00	2.78	2.00
1992	C. W. Lines Co., New Britain, Conn.	Mill Pride Fancy Scratch Feed	9.18	18.94	18.00	6.45	7.50	4.68	4.50
2278	Litchfield County Co-op. Assoc., Torrington, Conn.	Common Sense Growing Mash	9.90	20.25	15.00	5.88	7.00	5.60	4.00

TABLE I. ANALYSES OF COMMERCIAL FEEDS, INSPECTION OF 1933—Continued

Station No.	Manufacturer and brand	Retail dealer	Pounds per hundred											
			Water		Found	Guaranteed, not less than	Guaranteed, not more than	Fat						
			Protein (N x 6.25)	Fiber										
<i>Proprietary Mixed Feeds—Continued</i>														
<i>Poultry feeds—Continued</i>														
2280	Litchfield County Co-op. Assoc., Torrington, Conn. Common Sense Laying Mash	Torrington: Litchfield County Co-op. Assoc.	10.18	19.31	15.00	5.90	7.00	4.95						
4216	Litchfield County Co-op. Assoc., Torrington, Conn. Common Sense Scratch Feed	Torrington: Litchfield County Co-op. Assoc.	11.95	10.88	9.00	2.68	4.00	3.30						
1911	Long Hill Feed Store, Long Hill, Conn. Square Deal Buttermilk Laying Mash	Long Hill: Long Hill Feed Store	8.65	20.75	20.00	6.53	7.00	4.73						
2283	E. Manchester & Sons, Winsted, Conn. Huntington Red Star Egg Mash	Winsted: E. Manchester & Sons	9.95	17.88	13.00	6.13	6.00	5.48						
2284	E. Manchester & Sons, Winsted, Conn. Red Star Egg Mash	Winsted: E. Manchester & Sons	9.13	20.63	18.00	7.00	8.00	5.58						
2286	E. Manchester & Sons, Winsted, Conn. Red Star Scratch Feed	Winsted: E. Manchester & Sons	11.98	11.25	9.00	2.93	6.00	2.65						
2304	Maritime Milling Co., Inc., Buffalo, N.Y. Bull Brand All Mash Broiler & Growing Ration Vitanized with Cod Liver Oil, Milk Sugar Feed and Dried Buttermilk	Windsor: Lewis Bros.	10.50	15.38	15.00	4.98	7.00	5.38						

2303	Maritime Milling Co., Inc., Buffalo, N. Y. B-B Daisy All Mash Starter and Growing Feed Vitaminized with Cod Liver Oil, Milk Sugar Feed and Dried Buttermilk	Windsor: Lewis Bros.	11.23	16.75	15.00	4.93	7.00	5.43	3.50
2287	Maritime Milling Co., Inc., Buffalo, N. Y. B-B Daisy Egg Mash with Dried Buttermilk	Collinsville: Chas. H. Legeyt	10.85	18.75	18.00	6.20	7.00	5.60	3.50
3478	Maritime Milling Co., Inc., Buffalo, N. Y. B-B Daisy Scratch Feed ..	Wallingford: Ladden Bros. Co., Inc.	12.78	10.38	9.00	2.38	5.00	3.10	2.50
3669	Maritime Milling Co., Inc., Buffalo, N. Y. Ball Brand All Mash Chick Starter Ration Vitaminized with Cod Liver Oil, Milk Sugar Feed and Dried Buttermilk	Essex: Meech & Stoddard, Inc.	10.43	18.06	17.00	5.05	6.00	4.85	4.00
2305	Maritime Milling Co., Inc., Buffalo, N. Y. Ball Brand Laying Mash with Milk Sugar Feed and Dried Buttermilk	Windsor: Lewis Bros.	10.50	20.75	20.00	5.88	7.00	5.43	4.50
2288	Maritime Milling Co., Inc., Buffalo, N. Y. Ball Brand Scratch Feed ..	Collinsville: Chas. H. Legeyt	12.20	10.00	10.00	2.25	4.00	2.55	2.50
3141	Maritime Milling Co., Inc., Buffalo, N. Y. Dollar Maker Egg Mash ..	New Milford: W. L. Richmond & Son	10.35	18.38	17.00	7.11	9.00	5.65	3.50
2242	Meech & Stoddard, Inc., Middletown, Conn. Red Wing Special Butter- milk Chick Starting Feed	Meriden: Meriden Grain & Coal Co.	8.85	17.69	13.00	5.73	5.00	5.43	4.00
2237	Meech & Stoddard, Inc., Middletown, Conn. Red Wing Special Butter- milk Growing Feed	Meriden: Meriden Grain & Coal Co.	8.78	16.88	17.00	7.93	8.00	5.23	5.50
2241	Meech & Stoddard, Inc., Middletown, Conn. Red Wing Special Butter- milk Laying Mash	Meriden: Meriden Grain & Coal Co.	9.58	18.94	17.00	8.83	8.00	6.18	5.50
3587	Meech & Stoddard, Inc., Middletown, Conn. Red Wing Special Chick Feed	Middletown: Meech & Stoddard, Inc.	12.45	11.44	10.00	1.45	5.00	4.35	3.00

TABLE I. ANALYSES OF COMMERCIAL FEEDS, INSPECTION OF 1933—Continued

Station No.	Manufacturer and brand	Retail dealer	Pounds per hundred					
			Water		Protein (N x 6.25)		Fiber	
			Guaranteed, not less than Found	Guaranteed, not less than Found	Guaranteed, not less than Found	Guaranteed, not less than Found	Fat Guaranteed, not less than Found	Guaranteed, not more than Found
<i>Proprietary Mixed Feeds—Continued</i>								
3670	Poultry feeds—Continued							
	Meech & Stoddard, Inc., Middletown, Conn. Red Wing Special Intermediate Chick Feed	Essex: Meech & Stoddard, Inc.	13.05	10.00	10.00	1.90	5.00	3.05
2238	Meech & Stoddard, Inc., Middletown, Conn. Red Wing Special Scratch Feed	Meriden: Meriden Grain & Coal Co.	13.93	10.06	10.00	2.13	5.00	2.20
3066	Geo. Q. Moon & Co., Inc., Birmingham, N. Y. Moon's Baby Chick Grains	Stratford: Z. C. Ingersoll	12.20	11.63	10.00	0.96	2.50	1.20
1929	Geo. Q. Moon & Co., Inc., Birmingham, N. Y. Moon's Developing Grains	Stratford: Z. C. Ingersoll	12.15	10.88	10.00	1.66	5.00	3.73
3558	Geo. Q. Moon & Co., Inc., Birmingham, N. Y. Moon's Growing Mash	Norfolk: Aug. P. Curtis	10.80	16.56	17.00	4.43	7.00	4.55
3067	Geo. Q. Moon & Co., Inc., Birmingham, N. Y. Moon's Laying Mash with Dried Buttermilk	*Stratford: Z. C. Ingersoll	10.20	19.88	20.00	4.83	9.00	4.85
1930	Geo. Q. Moon & Co., Inc., Birmingham, N. Y. Moon's Special A Scratch Feed	Stratford: Z. C. Ingersoll	13.73	10.13	10.00	2.81	5.00	2.60

2098	Fred C. Morse & Son, Guilford, Conn.	Guilford: Fred C. Morse & Son	8.95	17.75	15.00	3.50	6.00	4.89	5.00
	Old Mill Growing Mash	Guilford: Fred C. Morse & Son							
2097	Fred C. Morse & Son, Guilford, Conn.	Guilford: Fred C. Morse & Son	10.70	19.31	17.00	5.18	8.00	4.83	4.00
	Old Mill Laying Mash with Skim Milk	Guilford: Fred C. Morse & Son							
2094	Fred C. Morse & Son, Guilford, Conn.	Guilford: Fred C. Morse & Son							
	Old Mill Laying Mash with Milk and Oil	Guilford: Fred C. Morse & Son	9.95	21.63	20.00	6.03	8.00	4.80	5.00
3665	Fred C. Morse & Son, Guilford, Conn.	Guilford: Fred C. Morse & Son	12.88	11.25	10.00	2.10	4.00	2.63	2.50
2095	Fred C. Morse & Son, Guilford, Conn.	Guilford: Fred C. Morse & Son	10.28	17.63	17.00	3.60	3.50	4.60	4.50
	Old Mill Starting Mash	Guilford: Fred C. Morse & Son							
2012	Norwalk Grain Co., Norwalk, Conn.	Norwalk: Libner Grain Co.	8.78	18.75	17.00	6.65	9.00	5.50	3.00
	Favorite Egg Mash with Milk	Norwalk: Libner Grain Co.							
2013	Norwalk Grain Co., Norwalk, Conn.	Norwalk: Libner Grain Co.	10.55	10.63	10.00	2.30	5.00	2.48	2.00
	Favorite Scratch Feed	Norwalk: Libner Grain Co.							
3655	Nowak Milling Corp., Hammond, Ind.	Westville: Westville Grain Co.	10.13	17.38	16.00	3.70	5.00	5.93	4.00
	Domino Chick Pellets	Westville: Westville Grain Co.							
3654	Nowak Milling Corp., Hammond, Ind.	Westville: Westville Grain Co.	9.75	20.50	20.00	5.43	7.50	5.00	4.50
	Domino Egg Pellets	Westville: Westville Grain Co.							
3548	Nowak Milling Corp., Hammond, Ind.	Westville: Westville Grain Co.							
	Domino Growing Mash with Buttermilk	Sharon: Frank A. Wike & Co.	9.68	19.31	18.00	5.68	6.00	6.10	4.50
3551	Nowak Milling Corp., Hammond, Ind.	Sharon: Frank A. Wike & Co.							
	Domino Laying Mash with Butter-milk	Sharon: Frank A. Wike & Co.	9.70	19.50	20.00	6.13	8.00	5.39	4.50
3853	Nowak Milling Corp., Hammond, Ind.	Sharon: Frank A. Wike & Co.	12.13	10.88	10.00	2.53	4.00	2.55	2.00
	Domino Scratch Feed	Sharon: Frank A. Wike & Co.							
3550	Nowak Milling Corp., Hammond, Ind.	Sharon: Frank A. Wike & Co.	12.23	10.63	9.00	2.10	5.00	2.55	2.00
	Export Scratch Feed	Sharon: Frank A. Wike & Co.							
3554	Nowak Milling Corp., Hammond, Ind.	Sharon: Frank A. Wike & Co.	12.20	10.94	10.00	2.28	4.00	2.60	2.00
	Fidelity Scratch Feed	Sharon: Frank A. Wike & Co.							
3984	P. Fredrik Obrecht & Son, Baltimore, Md.	Plantsville: C. A. Cowles	10.00	17.75	12.00	0.78	3.00	3.70	3.00
	Egg-O-Milk	Plantsville: C. A. Cowles							
2159	Ontario Milling Co., Inc., Oswego, N. Y.	Middletown: P. Lenvson & Son	9.88	18.88	19.00	6.40	8.50	4.70	4.00
	Aunt Mary's Laying Mash with Cod Liver Oil	Middletown: P. Lenvson & Son							

TABLE I. ANALYSES OF COMMERCIAL FEEDS, INSPECTION OF 1933—Continued

Station No.	Manufacturer and brand	Retail dealer	Pounds per hundred						Guaranteed, not less than	Guaranteed, not more than	Found	Fat	Guaranteed, not less than							
			Protein (N x 6.25)		Fiber		Fat													
			Water	Found	Guaranteed, not less than	Found	Guaranteed, not more than	Found												
<i>Proprietary Mixed Feeds—Continued</i>																				
<i>Poultry feeds—Continued</i>																				
2160	Ontario Milling Co., Inc., Oswego, N. Y.	Oswego Scratch Feed	Middletown: P. Levson & Son	12.68	10.50	10.00	2.23	5.00	2.78	2.50										
2087	S. V. Osborn Est., Branford, Conn.	Osborn Scratch	Branford: S. V. Osborn Est.	13.03	12.00	10.00	2.08	5.00	2.48	2.00										
1916	Park & Pollard Co., Buffalo, N. Y.	All-In-One Starting Feed	West Cheshire: Cheshire Grain & Coal Co.	12.05	15.13	17.00	2.79	5.00	4.13	3.50										
1898	Park & Pollard Co., Buffalo, N. Y.	Growing Feed	Stratford: Farmers' Flour & Grain Co.	10.65	17.25	14.00	4.73	7.00	4.38	3.00										
2016	Park & Pollard Co., Buffalo, N. Y.	Growing Feed with Cod Liver Oil	Norwich: A. E. Shedd	11.90	16.25	14.00	4.63	7.00	4.45	3.00										
2199	Park & Pollard Co., Buffalo, N. Y.	Holconi's Milk Egg Mash	Newtown: R. H. Holcomb & Co.	10.30	18.31	17.00	5.05	6.50	4.33	4.00										
3570	Park & Pollard Co., Buffalo, N. Y.	Intermediate Chick Feed	East Winsted: Leonard Grain Co.	12.65	11.00	10.00	1.70	3.50	2.58	3.00										
2256	Park & Pollard Co., Buffalo, N. Y.	Lay or Bust Dry Mash	Kensington: A. S. Labieniec	10.85	22.75	18.00	5.25	7.00	4.40	3.00										
3172	Park & Pollard Co., Buffalo, N. Y.	Lay or Bust Dry Mash with Cod Liver Oil	Norwich: A. E. Shedd	11.13	19.63	18.00	4.63	7.00	4.30	3.00										
1915	Park & Pollard Chick Starter	Park & Pollard Chick Starter	Cheshire Grain & Coal Co.	11.18	17.00	17.00	2.74	5.00	4.10	3.50										

3079	Park & Pollard Co., Buffalo, N. Y.	New London: New London Grain Co.	10.63	18.75	17.00	4.55	5.00	4.68	3.50
	Park & Pollard Turkey Starter	West Cheshire: Cheshire Grain & Coal Co.	12.80	11.06	10.00	1.50	3.50	3.30	3.00
1917	Park & Pollard Co., Buffalo, N. Y.	Woodbury: C. L. Adams Co.	12.55	10.50	10.00	2.08	5.00	2.58	3.00
3599	Red Ribbon Chick Feed	New Haven: Frank S. Platt Co.	10.65	25.69	20.00	5.13	7.00	6.00	5.50
3058	Red Ribbon Scratch Feed	New Haven: Frank S. Platt Co.	12.28	11.75	10.50	3.37	3.50	2.85	3.00
3059	Conn. Platco Laying Mash	New Haven: Frank S. Platt Co.	10.20	17.69	16.00	2.65	4.00	4.28	3.50
	Conn. Platco Co., New Haven, Conn.	Bristol: Bristol Supply Co.	11.35	10.94	10.00	1.33	4.00	2.90	2.00
1980	Platco Perfection Grain Mixture	Bristol: Bristol Supply Co.	10.05	18.94	17.50	5.14	6.00	4.85	4.50
	Pratt Food Co., Buffalo, N. Y. Pratt's Baby Chick Food	Bristol: Bristol Supply Co.	12.03	10.19	10.00	1.64	4.00	2.10	2.00
1982	Pratt Food Co., Buffalo, N. Y. Pratt's Chick Scratch Feed	Bristol: Bristol Supply Co.	9.95	21.75	20.00	5.49	6.75	5.48	4.50
1979	Pratt Food Co., Buffalo, N. Y. Pratt's Growing Mash with Buttermilk	Bristol: Bristol Supply Co.	14.53	9.81	10.00	2.90	5.00	2.60	1.50
1981	Pratt Food Co., Buffalo, N. Y. Pratt's Intermediate Scratch Feed	Bristol: Bristol Supply Co.	11.80	9.88	9.50	2.28	3.50	2.95	2.00
1978	Pratt Food Co., Buffalo, N. Y. Pratt's Laying Mash with Buttermilk	Bristol: Bristol Supply Co.	8.45	16.13	17.00	5.78	7.00	5.60	5.00
3154	H. C. Puffer Co., Springfield, Mass. Egg-Em-On Scratch Grains	Simsbury: H. B. Bunnell & Co.	12.65	9.88	10.00	1.55	2.00	2.03	2.00
3201	The Quaker Oats Co., Chicago, Ill. Early Bird Coarse Chick Feed	Rockville: Rockville Grain & Coal Co.	12.00	9.88	10.00	2.13	2.50	2.75	2.00
3206	The Quaker Oats Co., Chicago, Ill. Early Bird Fine Chick Feed—No Grit	Thompsonville: Geo. S. Phelps & Co.	9.08	20.19	20.00	5.68	8.00	5.43	4.50
2215	The Quaker Oats Co., Chicago, Ill. Quaker Ful-O-Pep Chick Starter	Danbury: C. S. Barnum & Son	10.80	11.56	11.00	1.73	2.00	3.10	2.50
3194	The Quaker Oats Co., Chicago, Ill. Quaker Ful-O-Pep Coarse Chick Feed	Rockville: Rockville Grain & Coal Co.	12.00	9.88	10.00	2.13	2.50	2.75	2.00
1994	The Quaker Oats Co., Chicago, Ill. Quaker Ful-O-Pep Egg Mash	New Britain: C. W. Lines Co.	10.08	20.19	20.00	5.68	8.00	5.43	4.50
2306	The Quaker Oats Co., Chicago, Ill. Quaker Ful-O-Pep Fine Chick Feed	Thompsonville: Geo. S. Phelps & Co.							

TABLE I. ANALYSES OF COMMERCIAL FEEDS, INSPECTION OF 1933—Continued

Station No.	Manufacturer and brand	Retail dealer	Pounds per hundred							
			Water		Protein (N x 6.25)		Fiber			
			Found	Guaranteed not less than	Found	Guaranteed not more than	Found	Guaranteed not less than		
Proprietary Mixed Feeds—Continued										
Poultry feeds—Continued										
2209	The Quaker Oats Co., Chicago, Ill.	The Quaker Ful-O-Pep, Growing Mash	Morrison & Dunham	8.23	18.69	19.00	6.15	6.80		
3116	The Quaker Oats Co., Chicago, Ill.	The Quaker Ful-O-Pep, Scratch Grains	Plainville: W. S. Eaton	12.95	9.75	9.00	2.14	3.00		
3800	The Quaker Oats Co., Chicago, Ill.	The Quaker Ful-O-Pep, Station Grade	Fattening Feed	8.83	14.38	12.00	3.43	5.50		
2075	Ralston Purina Co., St. Louis, Mo.	Proteina Scratch Feed (Buffalo Mill)	Stamford: Clapboard Hill Feed Co.	13.70	10.38	9.50	2.68	4.00		
2076	Ralston Purina Co., St. Louis, Mo.	Parina All Mash Egg Chowder	Stamford: Clapboard Hill Feed Co.	10.50	16.88	15.50	5.38	8.00		
3605	Ralston Purina Co., St. Louis, Mo.	Parina All Mash Growena Chow	Waterbury: Waterbury Feed Store	10.88	17.25	15.00	5.73	7.00		
2073	Ralston Purina Co., St. Louis, Mo.	Parina All Mash Startena Chow	Stamford: Clapboard Hill Feed Co.	10.45	20.13	18.00	4.63	7.00		
2077	Ralston Purina Co., St. Louis, Mo.	Parina Breeder Egg Chowder	Stamford: Clapboard Hill Feed Co.	9.68	20.75	19.00	7.25	8.00		
2079	Ralston Purina Co., St. Louis, Mo.	Purina Broiler Chow	Stamford: Clapboard Hill Feed Co.	10.73	19.25	18.00	4.30	7.00		
2081	Ralston Purina Co., St. Louis, Mo.	Purina Chick Chow	Stamford: Clapboard Hill Feed Co.	11.78	11.38	10.00	2.38	4.00		

3794	Ralston Purina Co., St. Louis, Mo.	New London: New London Grain Co...	10.53	14.00	12.00	5.08	6.60	4.74	3.00
3030	Purina Chicken Fatena Chow	New London: New London Grain Co...	11.60	18.75	17.00	5.81	7.00	4.93	3.50
	Ralston Purina Co., St. Louis, Mo.	Manchester: Manchester Grain Co.							
	Purina Chick Growena Chow								
2078	Ralston Purina Co., St. Louis, Mo.								
	Purina Chick Growena Chow (with Cod Liver Oil)	Stamford: Clapboard Hill Feed Co.	10.18	18.94	17.00	6.73	7.00	5.68	3.50
3649	Ralston Purina Co., St. Louis, Mo.	Ridgefield: Ridgefield Lumber Co.	9.80	21.88	19.00	5.03	7.00	4.58	4.00
2111	Purina Chick Startena Chow								
	Ralston Purina Co., St. Louis, Mo.	Norwich: A. E. Shedd	10.38	19.44	19.00	7.33	8.00	4.50	3.50
3572	Purina Egg Chowder								
	Ralston Purina Co., St. Louis, Mo.	Torrington: F. L. Wadham & Sons	12.78	11.75	10.00	2.98	4.00	3.40	2.50
	Purina Hen Chow								
2080	Ralston Purina Co., St. Louis, Mo.	Stamford: Clapboard Hill Feed Co.	11.95	10.38	10.00	2.05	4.00	2.95	2.50
	Purina Intermediate Hen Chow								
2074	Ralston Purina Co., St. Louis, Mo.	Stamford: Clapboard Hill Feed Co.	10.45	19.44	17.00	5.95	8.00	4.30	2.50
	Purina Lay Chow								
3016	Ralston Purina Co., St. Louis, Mo.	Manchester: Manchester Grain Co.	11.03	20.63	17.00	5.96	8.00	4.45	2.50
	Purina Lay Chow with Cod Liver Oil								
2231	Ralston Purina Co., St. Louis, Mo.	Wallingford: A. E. Hall	10.78	21.00	17.00	6.28	8.00	5.38	2.50
	Purina Lay Chow (with Cod Liver Oil and Dried Buttermilk)								
3253	Ralston Purina Co., St. Louis, Mo.	Norwich: A. E. Shedd	11.95	21.88	21.00	5.35	8.00	4.50	3.50
	Purina Turkey Growing and Fattening Chow								
3252	Ralston Purina Co., St. Louis, Mo.	Norwich: A. E. Shedd	9.98	27.00	26.00	4.05	6.00	7.05	4.50
	Purina Turkey Startena Chow								
3046	Rotex Milling Co., Cleveland, Ohio.	Ansonia: A. Hodos & Son	11.90	19.13	20.00	4.85	7.00	4.93	4.00
3047	Rotex Egg Mash								
	Rotex Milling Co., Cleveland, Ohio.	Ashton: A. Hodos & Son	12.53	17.13	18.00	3.31	7.00	5.25	3.50
	Rotex Starting and Growing Mash								
3053	Seymour Grain & Coal Co., Seymour, Conn. Miracle Chick Feed	Seymour: Seymour Grain & Coal Co.	12.83	12.50	10.00	1.46	5.00	3.18	2.50
3052	Seymour Grain & Coal Co., Seymour, Conn. Miracle Chick Grower	Seymour: Seymour Grain & Coal Co.	11.83	18.31	16.00	4.50	6.00	4.20	4.00

TABLE I. ANALYSES OF COMMERCIAL FEEDS, INSPECTION OF 1933—Continued

Manufacturer and brand Retail dealer Station No.	Pounds per hundred						
	Protein (N \times 6.25)		Fiber		Fat		
	Found	Guaranteed, not less than	Found	Guaranteed, not more than	Found	Guaranteed, not less than	Found
Proprietary Mixed Feeds—Continued Poultry feeds—Continued							
2212191 Seymour Grain & Coal Co., Seymour, Conn. Miracle Chick Starter	8.60	18.75	16.00	5.50	6.00	5.25	4.00
2212187 Seymour Grain & Coal Co., Seymour, Conn. Miracle Laying Mash with Skin Milk	8.45	21.38	19.00	5.43	6.00	5.08	4.50
2212188 Seymour Grain & Coal Co., Seymour, Conn. Miracle Scratch	11.20	11.56	10.00	2.98	6.00	2.85	2.50
2212167 Shelton Feed Co., Inc., Shelton, Conn. Nelson Mixed Chicken Feed	14.03	10.00	10.00	2.20	5.00	2.20	1.50
22053 Ike Sovitsky, Ansonia, Conn. Ansonia Baby Chick Starter with Buttermilk and Cod Liver Oil	9.45	19.50	17.00	4.60	5.00	4.28	4.00
2212172 Ike Sovitsky, Ansonia, Conn. Ansonia Egg Mash with Buttermilk and Cod Liver Oil	9.03	21.00	20.00	5.80	7.00	5.10	4.00
2212173 Ike Sovitsky, Ansonia, Conn. Ansonia Scratch Feed	11.30	10.50	9.00	2.20	4.00	2.50	2.00
3105 St. Albans Grain Co., St. Albans, Vt. Morin' Call Poultry Grains	12.45	11.31	10.00	2.25	4.00	2.90	2.50

11896	St. Albans Grain Co., St. Albans, Vt. Wirthmore All Purpose Chick and Broiler Ration St. Albans Grain Co., St. Albans, Vt.	Milford: Milford Grain Co. Milford: S. V. Osborn Est. Branford: S. V. Osborn Est.	9.43 11.50 12.00	20.25 10.00 1.53	17.50 3.16 3.50	5.50 4.48 3.05	4.48 4.00 2.50	
2089	Wirthmore Baby Chick Scratch St. Albans Grain Co., St. Albans, Vt.	Milford: Milford Grain Co. Milford: Norwich Grain Co.	9.68 9.98	20.63 22.31	18.00 20.00	3.40 4.78	5.00 7.00	4.48 4.00
11894	Wirthmore Baby Chick Starter, A Complete Balanced Feed for the first six weeks, containing Fortified Cod Liver Oil St. Albans Grain Co., St. Albans, Vt.	Milford: Milford Grain Co. Milford: Norwich Grain Co.	9.68 9.98	20.63 22.31	18.00 20.00	3.40 4.78	5.00 7.00	4.53 4.50
22113	Wirthmore Breeder Mash St. Albans Grain Co., St. Albans, Vt.	Milford: Milford Grain Co. Milford: Bristol Supply Co.	9.88 10.38	16.56 18.38	14.00 15.00	4.95 4.21	6.00 5.00	4.80 4.40
1983	Wirthmore Complete Growing Ration St. Albans Grain Co., St. Albans, Vt.	Milford: Bristol Supply Co. Plantsville: C. A. Cowles	9.88 10.38	16.56 18.38	14.00 15.00	4.95 4.21	6.00 5.00	4.80 4.40
1921	Wirthmore Complete Ration for Layers St. Albans Grain Co., St. Albans, Vt.	Milford: Bristol Supply Co. Plantsville: C. A. Cowles	9.83 10.10	15.81 17.13	15.00 15.00	4.18 5.40	6.00 6.00	5.03 4.78
22114	Wirthmore Fleshing and Fattening Mash St. Albans Grain Co., St. Albans, Vt.	Milford: Norwich Grain Co. Milford: C. Buckingham & Co.	9.83 10.10	15.81 17.13	15.00 15.00	4.18 5.40	6.00 6.00	4.50 4.50
1999	Wirthmore Growing Mash St. Albans Grain Co., St. Albans, Vt.	Milford: C. Buckingham & Co. Southport: C. Buckingham & Co.	11.83 11.83	18.00 18.00	15.00 15.00	5.95 5.95	6.00 6.00	4.90 4.90
3408	Wirthmore Growing Mash St. Albans Grain Co., St. Albans, Vt.	Milford: Henry Lord Milford: C. Buckingham & Co.	10.33 10.33	17.31 17.31	15.00 15.00	5.07 5.07	6.00 6.00	5.25 5.25
1920	Wirthmore Growing Mash (contain- ing Fortified Cod Liver Oil) St. Albans Grain Co., St. Albans, Vt.	Milford: C. Buckingham & Co. Milford: C. Buckingham & Co.	11.38 11.38	12.50 10.00	2.30 3.50	2.30 2.83	2.30 2.83	4.50 4.50
2000	Wirthmore Intermediate Scratch Feed St. Albans Grain Co., St. Albans, Vt.	Milford: C. Buckingham & Co. Milford: C. Buckingham & Co.	9.63 9.58	21.88 21.00	20.00 20.00	4.64 4.72	7.00 7.00	4.63 4.53
1919	Wirthmore Laying Mash St. Albans Grain Co., St. Albans, Vt.	Milford: C. Buckingham & Co. Milford: C. Buckingham & Co.	9.63 9.58	21.88 21.00	20.00 20.00	4.64 4.72	7.00 7.00	4.63 4.53
1895	Wirthmore Laying Mash containing Fortified Cod Liver Oil Milford: Milford Grain Co.	Milford: Milford Grain Co. Milford: Milford Grain Co.	9.58 9.58	21.00 21.00	20.00 20.00	4.72 4.72	7.00 7.00	4.53 4.53

TABLE I. ANALYSES OF COMMERCIAL FEEDS, INSPECTION OF 1933—Continued

Station No.	Manufacturer and brand	Retail dealer	Pounds per hundred							
			Water		Protein (N x 6.25)		Fiber			
			Found	Guaranteed not less than	Found	Guaranteed not more than	Found	Guaranteed not less than		
<i>Proprietary Mixed Feeds—Continued</i>										
<i>Poultry feeds—Continued</i>										
3595	St. Albans Grain Co., St. Albans, Vt.	Southbury: Southbury Grain Co.	13.15	11.25	10.00	2.15	4.00	2.78		
3659	Wirthmore Scratch Feed St. Albans Grain Co., St. Albans, Vt.	Wirthmore Turkey Fattening Ration St. Albans Grain Co., St. Albans, Vt.	11.10	16.63	16.00	5.40	7.00	4.40		
3409	Wirthmore Turkey Growing Ration St. Albans Grain Co., St. Albans, Vt.	Branford: S. V. Osborn Est. Monroe: Henry Lord	11.45	20.00	20.00	5.96	7.00	4.50		
3074	Wirthmore Turkey Growing Ration St. Albans Grain Co., St. Albans, Vt.	New Haven: R. G. Davis & Sons, Inc.	10.40	20.44	20.00	5.25	7.00	4.73		
3061	Wirthmore Turkey Starting Ration St. Albans Grain Co., St. Albans, Vt.	Westville: Westville Grain Co.	10.48	23.38	24.00	4.45	7.00	4.00		
3579	D. A. Stickell & Sons, Inc., Hagers- town, Md. Snap Scratch Grains ..	Middlefield: Terrill & Burnham	13.05	9.94	10.00	2.43	5.00	2.50		
3581	D. A. Stickell & Sons, Inc., Hagers- town, Md. Stickell's Intermediate Chick Feed	Middlefield: Terrill & Burnham	12.90	10.25	10.00	1.65	5.00	2.50		
3592	D. A. Stickell & Sons, Inc., Hagers- town, Md. Stickell's Poultry Fattener	Hartford: H. L. Solloway	9.88	14.06	12.00	4.00	4.00	4.50		
3583	D. A. Stickell & Sons, Inc., Hagers- town, Md. Su-Pur Growing Mash	Middlefield: Terrill & Burnham	9.65	18.75	17.00	5.30	6.00	4.00		

1933	D. A. Stickell & Sons, Inc., Hagers-town, Md.	Two-in-One Scratch	Long Hill: Long Hill Feed Store	13.20	10.50	10.00	1.55	5.00	2.00	2.50
3850	Grains	Long Hill: Long Hill Feed Store	13.20	10.25	10.00	2.40	5.00	3.10	2.50	2.50
	Syracuse Milling Co., Syracuse, N. Y.	Saugatuck: Saugatuck Grain Co.	12.30	10.25	10.00	2.40	5.00	3.10	2.50	2.50
2072	Onondaga Scratch Grains	So. Norwalk: Ferris-Devine Co.	9.83	19.88	18.00	5.78	8.00	5.40	3.00	3.00
2282	Syracuse Milling Co., Syracuse, N. Y.	Winsted: E. Manchester & Sons	11.38	10.50	9.00	3.15	8.00	5.65	3.00	3.00
3627	Syragold Feed Meal	Southport: C. Buckingham & Co.	12.90	19.06	16.00	4.05	7.00	4.03	4.00	4.00
3618	Syracuse Milling Co., Syracuse, N. Y.	Syragold Laying Mash with Butter-milk	9.53	19.19	18.00	7.30	9.00	4.85	3.00	3.00
2071	Syracuse Milling Co., Syracuse, N. Y.	East Bridgeport: J. Simon	12.18	10.88	10.00	2.63	5.00	2.80	2.50	2.50
2265	Syragold Scratch Grains	So. Norwalk: Ferris-Devine Co.	9.98	19.00	18.00	7.38	7.00	4.45	4.00	4.00
2266	Thomaston Supply Co., Inc., Thomaston, Conn.	Thomaston: Thomaston Supply Co., Inc.	9.53	15.88	15.00	6.83	7.00	4.58	4.00	4.00
2267	Thomaston Supply Co., Inc., Thomaston, Conn.	Thomaston: Thomaston Supply Co., Inc.	12.60	12.00	10.00	2.85	5.00	3.15	3.00	3.00
3538	Tioga-Empire Feed Mills, Inc., Waverly, N. Y.	Hawleyville: W. A. Honan	10.33	18.94	15.50	4.60	7.00	4.58	3.50	3.50
2208	Tioga-Empire Feed Mills, Inc., Waverly, N. Y.	Bethel: Morrison & Dunham	9.48	20.50	18.00	4.88	7.00	6.23	3.50	3.50
1985	Tioga-Empire Feed Mills, Inc., Waverly, N. Y.	Derby E-Gee Scratch Feed	13.33	10.63	9.00	2.50	4.50	3.23	2.00	2.00
3988	Tioga-Empire Feed Mills, Inc., Waverly, N. Y.	Bristol: Bristol Supply Co.	9.50	20.88	18.00	5.20	6.50	4.70	4.00	4.00
3525	Tioga-Empire Feed Mills, Inc., Waverly, N. Y.	Hawleyville: W. A. Honan	9.73	25.19	23.00	5.43	7.00	4.78	3.50	3.50
3524	Tioga-Empire Feed Mills, Inc., Waverly, N. Y.	Tioga Chick and Growing Mash	10.63	20.88	16.50	5.43	7.00	4.80	3.50	3.50

TABLE I. ANALYSES OF COMMERCIAL FEEDS, INSPECTION OF 1933—Continued

Station No.	Manufacturer and brand	Retail dealer	Pounds per hundred								
			Water		Protein (N x 6.25)		Fiber		Fat		
			Found	Guaranteed, not less than	Found	Guaranteed, not less than	Found	Guaranteed, not less than	Found	Guaranteed, not less than	
<i>Proprietary Mixed Feeds—Continued</i>											
<i>Poultry feeds—Continued</i>											
3537	Tioga-Empire Feed Mills, Inc., Waverly, N.Y.	Tioga Laying Food Feed Mills, Inc., Waverly, N.Y.	Hawleyville: W. A. Honan	10.78	20.00	18.00	5.25	7.50	4.28	4.00	
2276	Tioga-Empire Feed Mills, Inc., Waverly, N.Y.	Tioga Neverfail Growing Grains	Torrington: Litchfield Co-op. Assoc.	12.25	10.94	10.00	1.63	3.50	3.05	3.00	
2277	Tioga-Empire Feed Mills, Inc., Waverly, N. Y.	Tioga Neverfail Poultry Grains	Torrington: Litchfield Co-op. Assoc.	11.53	11.25	9.00	2.75	4.50	3.45	2.00	
3056	Jacob Trinley & Sons, Linfield, Pa.	Favorite Laying Mash	Bridgeport: Conn. Feed Co.	10.30	19.63	18.00	6.97	7.00	5.20	4.00	
3064	Jacob Trinley & Sons, Linfield, Pa.	Favorite Scratch Grains	Bridgeport: Conn. Feed Co.	12.43	11.19	9.00	2.71	5.00	2.75	2.00	
3801	Jacob Trinley & Sons, Linfield, Pa.	Real Fattening Mash with Butter- milk	New Haven: R. G. Davis & Sons, Inc.	9.58	17.88	14.00	3.05	6.00	5.65	4.50	
3055	Jacob Trinley & Sons, Linfield, Pa.	Real Growing Mash	Bridgeport: Conn. Feed Co.	10.65	19.13	17.00	7.00	10.00	6.13	4.00	
2264	Watertown Co-op. Assoc., Watertown, Conn.	Sterling Scratch Feed	Watertown: Watertown Co-op. Assoc.	11.83	12.19	10.00	3.03	4.00	2.88	2.50	

3640	Wayne County Grangers Feed Corp., Clyde, N. Y. Superior Laying Mash with Buttermilk and Cod Liver Oil	Cos Cob: A. R. Belmont	9.85	22.44	18.00	5.00	7.00	4.94	4.00
2130	West-Nesbitt, Inc., Oneonta, N. Y. Connecticut State Formulas	Amston: Amston Grain Mill	10.73	19.13	18.00	4.30	7.00	5.63	4.00
2281	West-Nesbitt, Inc., Oneonta, N. Y. Pure Feed Egg Mash with Butter- milk	Winsted: Chas. R. Hawley	10.93	22.13	18.00	5.45	7.00	4.90	5.00
2131	West-Nesbitt, Inc., Oneonta, N. Y. Pure Feed Scratch Grains	Amston: Amston Grain Mill	13.63	10.88	10.00	1.93	5.00	2.40	3.50
2168	Wolf's Feed Store, Shelton, Conn. Wolf's Egg Mash	Shelton: Wolf's Feed Store	9.53	19.94	18.00	6.03	7.00	5.53	4.50
2169	Wolf's Feed Store, Shelton, Conn. Wolf's Scratch Feed	Shelton: Wolf's Feed Store	11.85	10.31	10.00	2.65	4.00	2.45	2.00
1934	Yantic Grain & Products Co., Nor- wich, Conn. All-in-All Egg Ration	Mt. Carmel: Hamden Grain Co.	9.80	17.25	15.00	3.70	5.00	4.90	4.00
3092	Yantic Grain & Products Co., Nor- wich, Conn. Big Y All-in-All Growing Ration	Middlefield: Middlefield Center Feed Co.	10.90	18.25	15.00	3.74	5.00	5.65	4.00
1936	Yantic Grain & Products Co., Nor- wich, Conn. Big Y Chick Grains ..	Mt. Carmel: Hamden Grain Co.	10.90	11.13	10.00	1.13	4.00	3.50	2.00
1935	Yantic Grain & Products Co., Nor- wich, Conn. Big Y Chick Starter with Cod Liver Oil	Mt. Carmel: Hamden Grain Co.	8.90	18.75	18.00	3.55	6.00	5.58	4.00
1941	Yantic Grain & Products Co., Nor- wich, Conn. Big Y Complete Broiler and Chick Ration	Mt. Carmel: Hamden Grain Co.	8.98	18.63	17.50	3.86	6.00	5.43	4.00
1938	Yantic Grain & Products Co., Nor- wich, Conn. Big Y Growing Feed with Cod Liver Meal and Dried Milk	Mt. Carmel: Hamden Grain Co.	9.00	18.63	16.50	5.00	7.00	4.43	4.00
3093	Yantic Grain & Products Co., Nor- wich, Conn. Big Y Intermedi- ate Chick Feed	Middlefield: Middlefield Center Feed Co.	12.95	11.38	10.00	1.73	5.00	3.15	2.50
3747	Yantic Grain & Products Co., Nor- wich, Conn. Big Y Laying Mash Jewett City: Big Y Feed Store	Jewett City: Big Y Feed Store	10.15	18.06	16.00	6.10	7.00	5.39	4.00

TABLE I. ANALYSES OF COMMERCIAL FEEDS, INSPECTION OF 1933—Continued

Manufacturer and brand Station No.	Retail dealer	Pounds per hundred					
		Water	Found	Guaranteed, not less than	Found	Guaranteed, not more than	Found
Proprietary Mixed Feeds—Continued Poultry feeds—Concluded				%	%	%	%
36097 Yantic Grain & Products Co., Norwich, Conn. Big Y Laying Mash with Buttermilk and Cod Liver Meal	Middlefield; Middlefield Center Feed Co.	10.95	18.44	18.00	5.73	7.00	5.08
1939 Yantic Grain & Products Co., Norwich, Conn. Big Y Laying Mash with Dried Milk and Cod Liver Meal	Mt. Carmel; Hamden Grain Co.	9.53	18.00	18.00	5.12	7.00	4.45
1940 Yantic Grain & Products Co., Norwich, Conn. Big Y Scratch Feed.	Mt. Carmel; Hamden Grain Co.	11.15	11.38	10.00	2.62	5.00	2.58
14297 Yantic Grain & Products Co., Norwich, Conn. Big Y Turkey Growing Feed	Middlefield Center Grain Co.	9.68	20.63	20.00	4.88	6.00	6.18
14122 Yantic Grain & Products Co., Norwich, Conn. Big Y Turkey Starter Feed	Mt. Carmel; Hamden Grain Co.	8.68	23.88	24.00	5.00	5.00	6.14
14140 Yantic Grain & Products Co., Norwich, Conn. Calico Girl Scratch Feed	Willimantic; Boston Grain Co.	11.98	12.13	10.00	2.80	5.00	2.63
1937 Yantic Grain & Products Co., Norwich, Conn. Columbia Laying Mash with Dried Milk and Cod Liver Meal	Mt. Carmel; Hamden Grain Co.	9.65	16.00	16.00	7.24	7.00	4.73

2260	Yantic Grain & Products Co., Nor-	11.83	11.00	2.13	2.45	3.00
3767	Yantic Grain & Products Co., Nor-	11.70	11.56	10.00	2.73	5.00
	wich, Conn. Columbia Scratch Feed					
	Naugatuck: Naugatuck Grain Co.					
	Norwich: Yantic Grain & Products Co.					
3566	<i>Beef scraps, and other products</i>					
3728	C. E. Buell, Inc., Boston, Mass. Buell Boston Dried Skin Milk C. W. Burckhalter, Inc., New York City. Burck Brand Powdered Skim Milk	5.98	34.43	31.10	....	0.70 ¹
2307	Collis Products Co., St. Paul, Minn. Collis Process Dried Buttermilk .. Conn. Fat Rendering & Fertilizer Corp., West Haven, Conn. Meat Scraps	6.90	33.38	32.00	....	1.38 ¹
3465	Consolidated Rendering Co., Boston, Mass. Corenco Bone Meal An All Animal Feed for Cattle, Hogs and Poultry	10.20	31.88	30.00	....	5.55 ¹
3594	Consolidated Rendering Co., Boston, Mass. Corenco Cod and Haddock Meal	7.45	50.56	45.00	....	10.05
						10.00
3802	Consolidated Rendering Co., Boston, Mass. Corenco 45% Meat and Bone Poultry	8.28	25.00	20.00	....	0.55
3503	Consolidated Rendering Co., Boston, Mass. Corenco 50% Meat Scrap .. Scrap	9.00	63.63	62.00	....	2.90
3573	Consolidated Rendering Co., Boston, Mass. Corenco 55% Meat Scrap .. Consumer's Importing Co., New York City. Cico Bone Meal	8.78	47.94	45.00	....	8.44
3702	Consolidated Rendering Co., Boston, Mass. Corenco 55% Meat Scrap .. Consumer's Importing Co., New York City. Cico Bone Meal	9.03	49.63	50.00	....	8.35
3163	Dairymen's League Co-op. Assoc., New York City. Dairylea Choice Feed Grade Dried Skim Milk	7.68	58.69	55.00	....	9.75
2116	Norwich: Norwich Grain Co.	4.00	5.81	5.14	....	0.35
						1.00

¹Roese-Gottlieb Method.

TABLE I. ANALYSES OF COMMERCIAL FEEDS, INSPECTION OF 1933—Concluded

Station No.	Manufacturer and brand	Pounds per hundred					
		Water	Protein (N x 6.25)	Fiber	Found	Guaranteed, not more than	Guaranteed, not less than
33891	Retail dealer	%	%	%	%	%	%
22268	Proprietary Mixed Feeds— <i>Concluded</i> <i>Beef scraps, and other products</i> <i>Concluded</i>	4.95	35.50	32.00	....	....	0.93 ¹
36667	General Commodity Corp., Buffalo, N. Y. Old Sol Dried Skim Milk. Gorton Pew Fisheries Co., Lt., Gloucester, Mass. Gorton's Codfish Meal	8.18	56.44	55.00	0.48	1.00	2.90
38890	Gorton Pew Fisheries Co., Ltd., Gloucester, Mass. Gorton's Codfish Meal	7.53	60.25	55.00	0.60	1.00	1.30
27739	Lincoln Farm Products Corp., New York City. Farm Brand Meat and Bone Scrap	7.35	49.63	50.00	1.88	3.00	8.38
20007	Maine Fish Meal Co., Portland, Me. Maine Sardine Fish Meal	12.13	52.63	55.00	0.30	1.00	16.87
37748	Monti-Van Iderstine Co., Brooklyn, N. Y. Movian Meat Scrap	5.63	53.13	50.00	2.55	3.00	10.68
37764	James F. Morse & Co., Somerville, Mass. Morse's Meat Scrap	6.25	42.06	40.00	....	....	9.46
	John Reardon & Sons Co., Cambridge, Mass. Register Brand Meat & Bone Scraps, 45%	5.68	44.38	45.00	1.60	3.00	9.08
	Norwich: Norwich Grain Co.						6.00

3765	John Reardon & Sons Co., Cambridge, Mass. Register Brand Meat Scraps, 55%	Norwich: Norwich Grain Co.	6.95	52.63	55.00	1.70	3.00	10.30	6.00
2115	Ronck & Bevis Co., Philadelphia, Pa. Ro-Be Fish Meal	Norwich: Norwich Grain Co.	10.40	52.31	55.00	3.93	3.00	6.78	5.00
3798	Sheffield Farms Co., Inc., New York City. Sheffield Skin Milk Powder New Britain: C. W. Lines	5.63	33.75	32.00	....	....	0.83 ¹	0.50	
3578	St. Albans Grain Co., St. Albans, Vt. Hygrade Pure Cod and Haddock Fish Meal	Middlefield: Middlefield Grain & Coal Co.	15.60	61.31	63.00	0.43	1.00	0.89	1.50
3711	St. Albans Grain Co., St. Albans, Vt. Pure Dried Skin Milk Powder	6.63	34.25	32.00	....	....	2.15 ¹	0.50	
3472	Chas. M. Striven Co., Baltimore, Md. Striven's Fish Meal	7.15	55.13	55.00	0.65	2.00	9.63	4.00	
3746	The Van Iderstine Co., Long Island City, N. Y. Vico Quality Meat and Bone Scrap for Poultry	6.80	49.69	50.00	1.80	3.00	10.78	5.00	
2190	Ward Dry Milk Co., St. Paul, Minn. Ward's Pure Dried Skim Milk	Seymour: Seymour Grain & Coal Co., So. Coventry: E. W. Latimer	7.40	32.50	32.00	....	....	3.73 ¹	1.00
3732	Worcester Rendering Co., Auburn, Mass. P. W. Fish Meal	7.10	52.63	50.00	0.90	2.00	8.03	4.00	
3248	Young Bros. Co., Inc., Danielson, Conn. Dried Skim Milk, Animal and Poultry Feed	32.63	32.63	....	....	0.99	0.99	0.99	0.99

¹Roege-Gottlieb Method.

TABLE 1a. SUMMARY OF INSPECTION OF OFFICIAL SAMPLES

Feed	Samples examined	Samples deficient	Deficiencies in			Total deficiencies
			Protein	Fiber	Fat	
Cottonseed meal	11	3	3	0	0	3
Linseed meal	8	1	1	0	1	2
Soybean meal	3	0	0	0	0	0
Wheat bran	28	1	0	0	1	1
Wheat middlings and similar products	24	0	0	0	0	0
Wheat red dog	6	0	0	0	0	0
Wheat feed (mixed feed)	14	2	0	0	2	2
Corn gluten feed	11	2	1	0	1	2
Hominy feed	15	1	1	0	1	2
Rye products	1	0	0	0	0	0
Brewers' and distillers' grains	2	0	0	0	0	0
Dried beet pulp	2	0	0	0	0	0
Horse feeds	76	10	2	3	6	11
Dairy feeds	153	31	7	1	28	36
Stock feeds	45	3	1	1	2	4
Calf feeds and other products	16	5	1	0	4	5
Poultry feeds	371	30	6	5	21	32
Beef scraps, etc.	29	6	4	1	3	8
Total	815	95	27	11	70	108

TABLE 1b. SUMMARY OF DEFICIENCIES IN GUARANTEED NUTRIENTS

Manufacturer or Jobber	Samples	Guarantees	Deficiencies			Percentages of guarantees met
			Protein	Fiber	Fat	
Acme-Evans Co.	1	3	0	0	0	100
Alfalfa Products Co.	1	3	0	0	0	100
Allied Mills, Inc.	32	96	0	0	1	99
American Maize Products Co.	1	3	0	0	0	100
Anchor Mills	1	3	0	0	0	100
Anheuser-Busch, Inc.	1	3	0	0	0	100
Arcady Farms Milling Co.	12	36	0	1	2	92
Archer-Daniels-Midland Co.	3	9	0	0	0	100
Ashcraft-Wilkinson Co.	2	6	0	0	0	100
Bailey, E. W., & Co.	16	48	0	0	4	92
Beacon Milling Co., Inc.	26	78	0	0	0	100
Bisbee Linseed Co.	1	3	0	0	0	100
Black Rock Milling Corp.	5	15	0	0	2	87
Blatchford Calf Meal Co.	1	3	0	0	1	67
Bridge's, Amos D. Sons, Inc.	1	3	0	0	0	100
Broder, L., Grain Store	1	3	0	0	0	100
Buckingham, C., & Co.	6	18	0	0	1	83
Buell, C. E., Inc.	1	2	0	..	0	100
Burckhalter, C. W., Inc.	1	2	0	..	0	100
Cairo Meal & Cake Co.	1	3	0	0	0	100
Campbell, C. W., Co.	13	39	0	0	1	97
Caple, A. B., Co.	1	3	0	0	0	100
Clinton Syrup Refining Co.	1	3	0	0	0	100
Coles Co.	7	21	1	0	2	86
Collis Products Co.	1	2	0	..	0	100
Commander-Larabee Corp.	1	3	0	0	0	100
Conkey, G. E., Co.	10	30	0	0	0	100
Conn. Fat Rendering & Fertilizer Corp.	1	2	0	..	0	100
Consolidated Rendering Co.	5	10	0	..	1	90
Consumers Food Stores, Inc.	10	30	0	1	2	90
Consumers Importing Co.	1	2	0	..	1	50
Corn Products Sales Co.	2	6	1	0	1	67
Cowee, E. A. Co.	4	12	0	0	0	100
Cowles, C. / ..	4	12	0	1	0	92
Cox, Chas. M., Co.	3	9	0	0	0	100
Crosby Milling Co.	2	6	0	0	0	100
Cutler, P. Inc.	6	18	0	0	0	100
Dairymen's League Co-op. Assoc., Inc.	1	2	0	..	0	100
Davis, R. G., & Sons, Inc.	8	24	0	0	1	96
Decatur Milling Co.	1	3	0	0	0	100

TABLE 1b. SUMMARY OF DEFICIENCIES IN GUARANTEED NUTRIENTS
(Continued)

Manufacturer or Jobber	Samples	Guarantees	Deficiencies			Percentages of guarantees met
			Protein	Fiber	Fat	
Delaware Mills, Inc.	16	48	2	0	3	90
Denver Alfalfa Milling & Products Co.	1	3	1	0	0	67
Dietrich & Gambrill, Inc.	6	18	0	0	0	100
Duluth Superior Milling Co.	1	3	0	0	0	100
Eagle Roller Mill Co.	1	3	0	0	0	100
Eastern States Farmers' Exchange	20	60	0	0	1	98
Eckhart, B. A., Milling Co.	1	3	0	0	0	100
Elmore Milling Co., Inc.	12	36	0	0	1	97
Eshelman, John W., & Sons	33	99	0	2	2	96
Evans Milling Co.	1	3	0	0	0	100
Excelsior Milling Co.	1	3	0	0	1	67
Farmers' Feed Co.	1	3	0	0	0	100
Faroll Bros.	2	6	0	0	0	100
Fernando Valley Milling & Supply Co.	1	3	0	1	1	33
First National Stores, Inc.	2	6	0	0	0	100
Flory Milling Co., Inc.	6	18	0	0	2	89
Forbes, A. W.	3	9	0	0	0	100
Forbes Bros., Central Mills	1	3	0	0	0	100
Forrest, J. A.	3	9	1	0	1	78
Garland, J. B., & Sons	5	15	0	0	0	100
General Commodity Corp.	1	2	0	..	0	100
General Mills, Inc.	5	15	0	0	0	100
Gorton-Pew Fisheries Co., Ltd.	2	6	0	0	0	100
Grandin, D. H., Milling Co.	14	42	0	0	0	100
Grand Union Co.	2	6	0	0	0	100
Great Atlantic & Pacific Tea Co.	4	12	0	0	0	100
Hales & Hunter Co.	9	27	0	0	1	96
Ham, Frank B., & Co., Ltd.	2	6	0	0	0	100
Ham, J. B., Co.	9	27	0	0	2	93
Hamilton, William, & Son, Ltd.	1	3	0	0	0	100
Hecker-Jones-Jewell Milling Co.	3	9	0	0	0	100
Humphreys-Godwin Co.	2	6	0	0	0	100
International Milling Co.	3	9	0	0	0	100
Jersee Co.	1	3	0	0	1	67
Jones & Quinn	2	6	0	0	1	83
Kansas Flour Mills Corp.	1	3	0	0	0	100
Kellogg Co.	1	3	0	0	0	100
Kellogg & Miller, Inc.	1	3	0	0	0	100
Kellogg, Spencer & Sons, Inc.	1	3	0	0	0	100

TABLE 1b. SUMMARY OF DEFICIENCIES IN GUARANTEED NUTRIENTS
(Continued)

Manufacturer or Jobber	Samples	Guarantees	Deficiencies			Percentages of guarantees met
			Protein	Fiber	Fat	
King, H. H., Flour Mills Co.	1	3	0	0	0	100
King Midas Mill Co.	1	3	0	0	0	100
Krause, Chas. A., Milling Co.	1	3	0	0	0	100
Kysor, H. P., Feed & Grain Co.	6	18	0	0	1	94
Labieniec, A. S.	3	9	0	0	0	100
Laden Bros. Co., Inc.	6	18	2	1	2	72
Larabee Flour Mills Co.	2	6	0	0	0	100
Larrove Milling Co.	15	45	0	0	0	100
Libner Grain Co.	6	18	0	0	0	100
Lincoln Farm Products Corp.	1	3	0	0	0	100
Lines, C. W., Co.	5	15	0	0	1	93
Litchfield County Co-op. Assoc.	4	12	0	0	0	100
Long Hill Feed Store	2	6	0	0	2	67
Lovitt, L. B., & Co.	1	3	1	0	0	67
Maine Fish Meal Co.	1	3	1	0	0	67
Manchester, E., & Sons	7	21	0	0	0	100
Mann Bros. Co.	1	3	0	0	0	100
Maritime Milling Co., Inc.	15	45	0	0	1	98
Meader Milling Co.	1	3	1	0	1	33
Meech & Stoddard, Inc.	11	33	0	1	3	91
Miller Cereal Mills	1	3	1	0	1	33
Miner-Hillard Milling Co.	1	3	0	0	0	100
Monti-Van Iderstine, Inc.	1	3	0	0	0	100
Moon, Geo. Q., & Co., Inc.	15	45	0	0	3	93
Morse, Fred C., & Son	10	30	0	0	0	100
Morse, Jas. F., & Co.	1	3	0	0	0	100
Mosely & Motley Milling Co.	2	6	0	0	0	100
National Milling Co.	1	3	0	0	0	100
Niagara Falls Milling Co.	2	6	0	0	0	100
Northwestern Consolidated Milling Co.	3	9	0	0	0	100
Norwalk Grain Co.	2	6	0	0	0	100
Nowak Milling Corp.	7	21	0	0	0	100
Obrecht, P. Fred'k., & Son	1	3	0	0	0	100
Ontario Milling Co., Inc.	6	18	1	0	1	89
Osborn, S. V., Estate	2	6	0	0	0	100
Park & Pollard Co., Inc.	27	81	3	0	6	89
Patent Cereals Co., The	1	3	0	0	0	100
Pecas Valley Alfalfa Mill Co.	2	6	0	0	0	100
Penick & Ford, Ltd., Inc.	1	3	0	0	0	100
Pillsbury Flour Mills Co.	5	15	0	0	0	100
Pincoffs, Maurice, Co.	2	6	2	0	0	67

TABLE 1b. SUMMARY OF DEFICIENCIES IN GUARANTEED NUTRIENTS
(Concluded)

Manufacturer or Jobber	Samples	Guarantees	Deficiencies			Percentages of guarantees met
			Protein	Fiber	Fat	
Platt, Frank S., Co., The	2	6	0	0	0	100
Postum Co., Inc.	1	3	0	0	0	100
Pratt Food Co.	7	21	0	0	0	100
Puffer, H. C., Co.	3	9	0	0	0	100
Quaker Oats Co., The	25	75	2	0	1	96
Ralston Purina Co.	35	105	0	0	0	100
Reardon, John, & Sons Co.	2	6	1	0	0	83
Richardson, Jas., & Sons, Ltd.	1	3	0	0	0	100
Robin Hood Mills, Ltd.	2	6	0	0	0	100
Ronck & Bevis Co.	1	3	1	1	0	33
Rotex Milling Co.	2	6	2	0	0	67
Russell Miller Milling Co.	3	9	0	0	0	100
Seymour Grain & Coal Co.	11	33	0	1	0	97
Shaffer, J. C., Grain Co.	1	3	0	0	0	100
Sheffield Farms Co., Inc.	1	2	0	..	0	100
Shelton Feed Co.	1	3	0	0	0	100
Sherwin-Williams Co.	1	3	0	0	0	100
Sovitsky, Ike	6	18	0	0	0	100
Staley, A. E. Manufacturing Co.	2	6	0	0	0	100
Stickell, D. A., & Sons, Inc.	8	24	0	0	2	92
St. Albans Grain Co.	41	122 ¹	3	0	2	96
St. Lawrence Flour Mills Co.	1	3	0	0	0	100
Struven Chas. M., Co.	1	3	0	0	0	100
Syracuse Milling Co.	14	42	0	0	0	100
Thomaston Supply Co., Inc.	4	12	0	0	0	100
Tioga-Empire Feed Mills, Inc.	15	45	0	0	2	96
Traders Feed & Grain Co., Inc.	2	6	0	0	0	100
Transit Milling Co.	2	6	0	0	0	100
Trinley, Jacob & Sons	8	24	0	0	1	96
Union Starch & Refining Co.	1	3	0	0	0	100
Upper Hudson Rye Flour Mills, Inc.	1	3	0	0	0	100
Van Iderstine Co.	1	3	0	0	0	100
Ward Dry Milk Co.	1	2	0	..	0	100
Watertown Co-op. Assoc.	1	3	0	0	0	100
Wayne County Grangers Feed Corp.	4	12	0	0	0	100
West-Nesbitt, Inc.	7	21	0	0	2	90
Wolf's Feed Store	3	9	0	0	0	100
Worcester Rendering Co.	1	3	0	0	0	100
Yantic Grain & Products Co.	31	93	0	1	1	98
Young Bros. Co., Inc.	1	2	0	..	1	100
	815	2429	27	11	70	96

¹Includes one sample with only two guaranties.

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Milk-Maid 24% Sweetened Dairy Ration	569, 605
Overall 24% Dairy Ration	569, 606
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Park & Pollard Broiler Ration	569
Park & Pollard Chick Scratch	569
Park & Pollard Chick Starter	570, 636
Park & Pollard Fitting Ration	570, 612
Park & Pollard Heavy Wheat Mixed Feed	570, 588
Park & Pollard Horse Feed	570, 595
Park & Pollard Stock Feed	570, 612
Park & Pollard Turkey Grower	570
Park & Pollard Turkey Starter	570, 637
Red Ribbon Chick Feed	570, 637
Red Ribbon Scratch Feed	570, 637
Top Notch 16% Ration	570, 606
Yankee Dairy Ration	570, 606

The Patent Cereals Co., Geneva, N. Y.	
Hominy Feed	570, 590
Pecos Valley Alfalfa Mill Co., Hagerman, New Mexico	
Alfalfa Meal	570, 595
Alfalfa Stem Meal	570
Peevee Alfalfa Leaf Meal	570, 595
Penick & Ford, Ltd., Inc., Cedar Rapids, Iowa	
Douglas Corn Gluten Feed	570, 589
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Perkins Oil Co., Inc., Memphis, Tenn.	
Golden Rod Brand Cottonseed Meal 41%	570
Pillsbury Flour Mills Co., Minneapolis, Minn.	
Pillsbury's Fancy Mixed Feed and Screenings	570, 588
Pillsbury's Hard Wheat Bran and Screenings	570, 583
Pillsbury's Hard Wheat A. Middlings and Screenings	570, 586
Pillsbury's Hard Wheat Standard B. Middlings and Screenings	570, 586
Pillsbury's Rye Middlings and Screenings	570
Pillsbury's Wheat Bran and Screenings	570
Pillsbury's XX Daisy	570, 587
Maurice Pincoffs Co., Houston, Texas	
Pinco Cottonseed Meal 41%	570, 580
Pinco Cottonseed Meal 43%	570, 580
The Frank S. Platt Co., 450 State St., New Haven, Conn.	
Platco Laying Mash	570, 637
Platco Perfection Grain Mixture	570, 637
Postum Co., Inc., Battle Creek, Mich.	
Burt's Hominy Feed	570, 590
Pratt Food Co., Buffalo, N. Y.	
Pratt's Baby Chick Food	570, 637
Pratt's Chick Scratch Feed	570, 637
Pratt's Growing Mash with Buttermilk	570, 637
Pratt's Intermediate Scratch Feed	570, 637
Pratt's Laying Mash with Buttermilk	570, 637
Pratt's Utility Horse Feed	570, 595
Pratt's White Hominy Feed	570, 590
H. C. Puffer Co., 194 Lyman St., Springfield, Mass.	
Egg-Em-On Growing Feed	571
Egg-Em-On Laying Mash	571
Egg-Em-On Scratch Grains	571, 637
Sweetened Producer Dairy Feed	571
20% Producer Dairy Feed	571, 606
24% Producer Dairy Feed	571, 606

The Quaker Oats Co., 141 W. Jackson Blvd., Chicago, Ill.

Banner Feed	571, 595
Barley Feed	571, 612
Bell Cow Bran with ground screenings not exceeding mill run	571, 583
Bell Cow Shorts with ground screenings not exceeding mill run	571, 586
Big Egg Scratch Grains No Grit	571
Buckeye Feed	571, 588
Early Bird Coarse Chick Feed	571, 637
Early Bird Fine Chick Feed No Grit	571, 637
Quaker Ful-O-Pep Chick Starter	571, 637
Quaker Ful-O-Pep Coarse Chick Feed	571, 637
Quaker Ful-O-Pep Egg Mash	571, 637
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Quaker Ful-O-Pep Scratch Grains	571, 638
Quaker Ful-O-Pep Station Grade Fattening Feed	571, 638
Quaker Green Cross Horse Feed	571, 595
Quaker 16% Protein Dairy Ration	571, 606
Quaker 20% Protein Dairy Ration	571, 606
Quaker 24% Protein Dairy Ration	571, 606
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Yellow Hominy Feed	571, 590

Ralston Purina Co., St. Louis, Mo.

Corn Feed Meal	571, 589
Corn and Oat Provender	571, 595
Dried Beet Pulp	571
Fine Ground Poultry Alfalfa Meal	571
Protena 16% Dairy Feed	571, 606
Protena 20% Dairy Feed	571, 606
Protena 24% Dairy Feed (Buffalo Mill)	571, 607
Protena Scratch Feed (Buffalo Mill)	571, 638
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Purina Broiler Chow	571, 638
Purina Bulky Cow Chow	571, 612
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Purina Calf Chow	571, 614
Purina Checkerboard Rolled Oats (Steam Cooked)	571, 595
Purina Chick Chow	571, 638
Purina Chicken Fatena Chow	571, 639
Purina Chick Growena Chow	571, 639
Purina Chick Growena Chow (with Cod Liver Oil)	571, 639
Purina Chick Startena Chow	572, 639
Purina 20% Cow Chow	572, 607
Purina 24% Cow Chow	572, 607
Purina 32% Chowder	572
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Purina Intermediate Hen Chow	572, 639
Purina Lay Chow	572, 639
Purina Lay Chow (with Cod Liver Oil)	572, 639
Purina Lay Chow (with Cod Liver Oil and Dried Buttermilk)	572, 639
Purina Omolene Chow	572, 596
Purina Steer Fatena Chow	572
Purina Turkey Growing and Fattening Chow	572, 639
Purina Turkey Startena Chow	572, 639

John Reardon & Sons Co., 51 Waverly St., Cambridge, Mass.

Register Brand Meat and Bone Scraps 45%	572, 648
Register Brand Meat Scraps 55%	572, 649
Register Brand Cod and Haddock Fish Meal	572

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Richardson Pure Wheat Bran	572, 583
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Robin Hood Mills, Ltd., Moose Jaw & Calgary, Canada

Blackhawk Standard Middlings with ground screenings not exceeding mill run	572
Superior Wheat Bran	572, 583
Superior Wheat Red Dog	572, 587

Ronck & Bevis Co., 940 N. Front St., Philadelphia, Pa.

Ro-Be Fish Meal	572, 649
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Rotex Milling Co., Cleveland, Ohio

Rotex Egg Mash	572, 639
Rotex Starting and Growing Mash	572, 639

Sigmund Rothschild Co., Houston, Texas

41% Protein Cottonseed Meal	572
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Russell-Miller Milling Co., Minneapolis, Minn.

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Seymour Grain & Coal Co., Seymour, Conn.

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Miracle Chick Grower	572, 639
Miracle Chick Starter	572, 640
Miracle Cow Feed	572, 607
Miracle Fitting Ration	572, 612
Miracle Laying Mash with Skim Milk	572, 640
Miracle Molasses Horse Feed	572, 596
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J. C. Shaffer Grain Co., 406 Merchants Exchg. Bldg., St. Louis, Mo.	
Shafco Wheat Bran with Screenings	573, 584
Sheffield Farms Co., Inc., 524 W. 57th St., New York City	
Sheffield Skim Milk Powder	573, 649
Shelton Feed Co., 73 Bridge St., Shelton, Conn.	
Nelson Mixed Chicken Feed	573, 640
The Sherwin-Williams Co., 101 Prospect Ave., N.W., Cleveland, Ohio	
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Sherwin Williams Pure Old Process Linseed Meal 34%	573, 581
Southland Cotton Oil Co., Paris, Texas	
"Southland's 41" Cottonseed Meal	573
Ike Sovitsky, Ansonia, Conn.	
Ansonia Baby Chick Starter with Buttermilk and Cod Liver Oil	573, 640
Ansonia 20% Sweetened Dairy Feed	573, 607
Ansonia Egg Mash with Buttermilk and Cod Liver Oil	573, 640
Ansonia Scratch Feed	573, 640
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Soya Products, Inc., Chicago, Ill.	
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A. E. Staley Mfg. Co., Decatur, Ill.	
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D. A. Stickell & Sons, Inc., 67 West Baltimore St., Hagerstown, Md.	
Mixed Wheat Feed	573, 588
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Stickell's Poultry Fatner	573, 642
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